

MAY 1997
VOLUME 39
NUMBER 5

STORM DATA

AND UNUSUAL WEATHER PHENOMENA
WITH LATE REPORTS AND CORRECTIONS



noaa NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE
DATA, AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, N.C.

Cover: A photograph of the Jarrell, Texas F5 tornado as it was approaching the town of Jarrell, TX. The tornado was spawned by a supercell thunderstorm which formed along the dryline (a line of sharp contrast between moist and dry air). The tornado tracked south through the Double Creek Estates subdivision where it leveled houses and killed 27 people. (Photo courtesy of Scott Beckwith, Jarrell Farm Supply, Jarrell, Texas)

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STORM DATA

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National Climatic Data Center

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The Storm Data and Unusual Weather Phenomena narratives and Hurricane/Tropical Storm summaries are prepared by the National Weather Service. Monthly and annual statistics and summaries of tornado and lightning events resulting in deaths, injuries, and damage are compiled by cooperative efforts between the National Climatic Data Center and the Storm Prediction Center.

STORM DATA contains all confirmed information on storms available to our staff at the time of publication. However, due to difficulties inherent in the collection of this type of data, it is not all-inclusive. Late reports and corrections are printed in each edition.

Maps of the National Weather Service County Warning Areas which are used in the Storm Data and Unusual Weather Phenomena section will be printed in all editions.

Except for limited editing to correct grammatical errors, materials submitted are generally published as received.

Note: "None Reported" means that no severe weather occurred and "Not Received" means that no reports were received for this region at the time of printing.

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The editor of **STORM DATA** solicits your help in acquiring photographs (prints or slides; black and white, or color), maps, clippings, etc. of significant or unusual weather events (past or present). These could be for use in the "Outstanding Storms of the Month" or "Et Cetera" sections of **STORM DATA**. We request our subscribers or other interested persons to mail such items to:

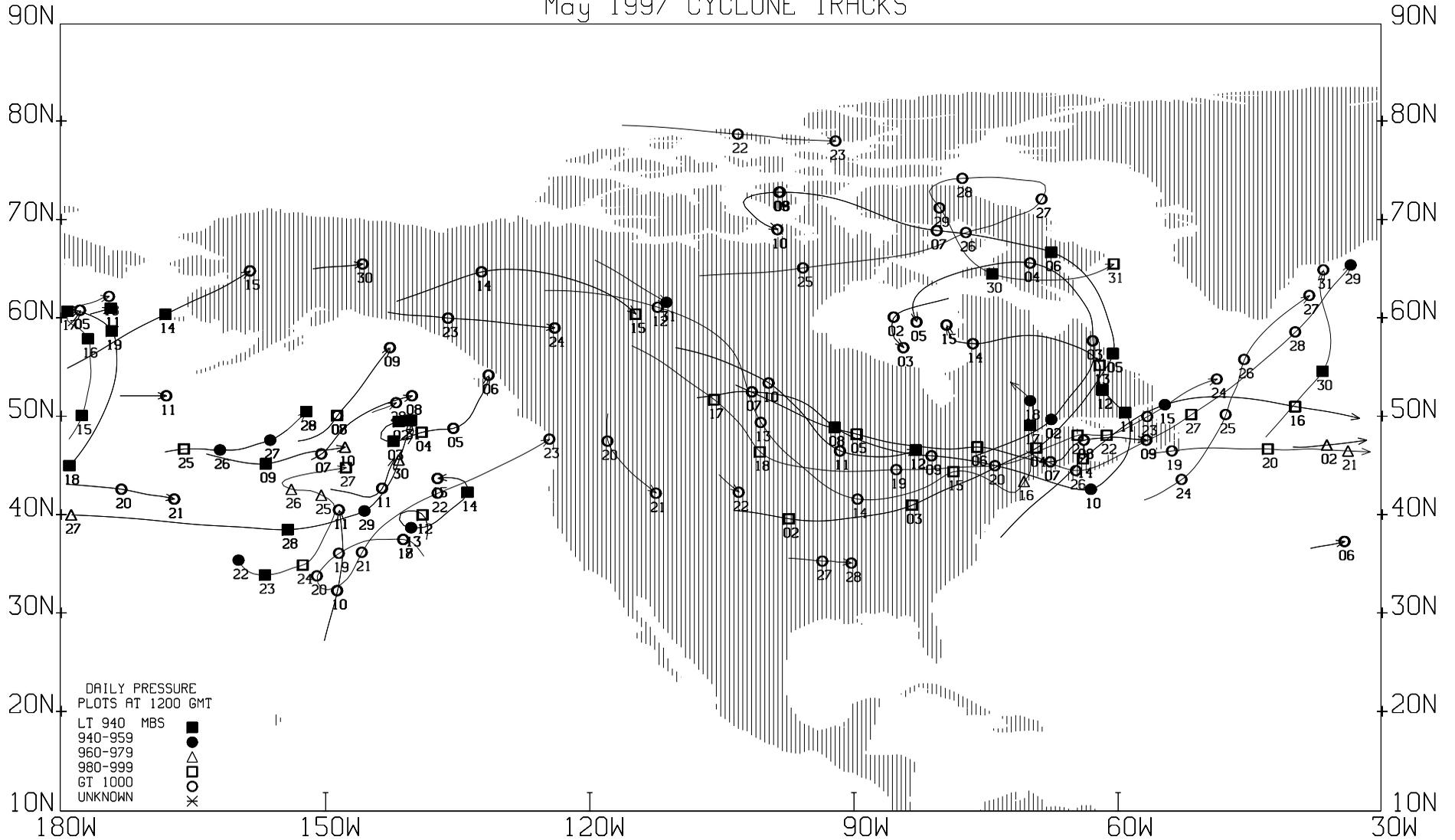
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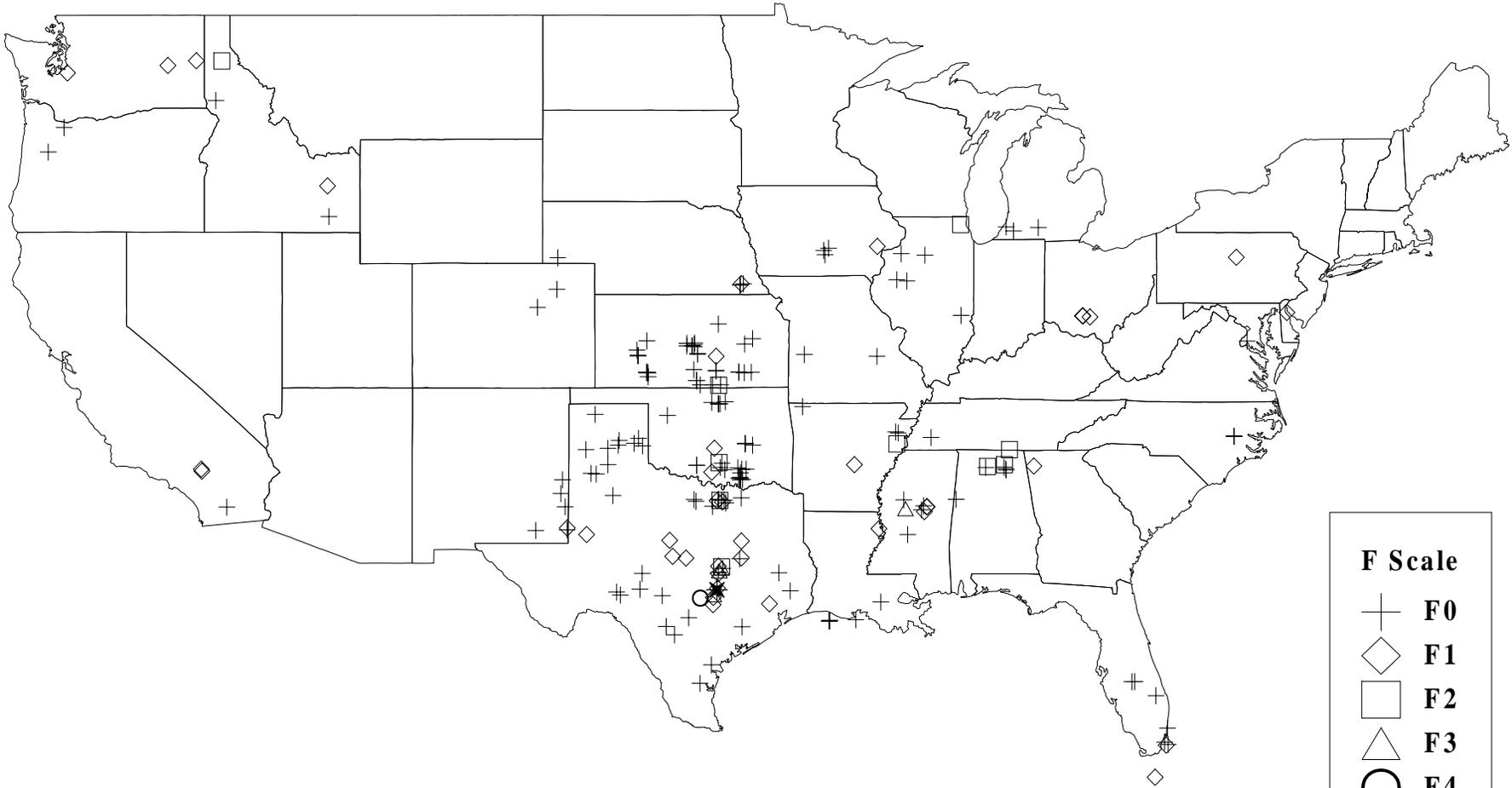
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Kenneth D. Davidson
Acting Director,
National Climatic Data Center

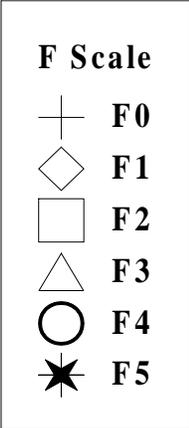
May 1997 CYCLONE TRACKS



May 1997 Confirmed Tornadoes



4



F Scale	F0	F1	F2	F3	F4	F5	Total
Number	153	39	10	2	1	1	207

OUTSTANDING STORMS OF THE MONTH

JARRELL, TEXAS IS DEVASTATED BY F5 TORNADO

On May 27th, an F5 tornado was spawned by a supercell thunderstorm which developed along the dryline in central Texas. Morning upper air soundings indicated thermodynamic conditions were favorable for the development of severe weather. The thunderstorm grew rapidly in intensity and size during the early afternoon. The Storm Prediction Center posted a tornado watch at 11:54AM CST (12:54PM CDT). A tornado warning was issued by the National Weather Service (NWS) Office in New Braunfels, TX at 2:30PM CST (3:30PM CDT). The F5 tornado touched down at approximately 2:40 PM CST and entered the Double Creek Estates subdivision near Jarrell, TX at 2:48PM CST. Six tornadoes swept through Williamson and Travis Counties causing 29 fatalities and damage estimated over \$125 Million. Even though the upper level winds were moving from southwest to northeast, the tornadic thunderstorms developed in a south-southwest direction, due to a back-building formation of new cells along the dryline. Other reports of severe weather included four inch hail in Cedar Park and Kelly Air Force Base recorded a 122 mph wind gust. Other incredible phenomena include: The F5 tornado completely removed the pavement from the roads it crossed. Three hundred head of cattle were killed, a few were found as far away as a quarter mile.



Left: A photograph of the tornado at approximately 2:40PM CST. The funnel dropped out of the wall cloud and touched down 3.5 miles north of Jarrell, TX and moved south-southwest.

(Photo courtesy of Charlotte Vancil, Jarrell, TX)

Right: A photograph of the above tornado taken by a different photographer approximately 5 minutes later as it approached the Double Creek Estates subdivision on the outskirts of Jarrell. Note the multiple vortices.

(Photo courtesy of Scott Beckwith, Jarrell Farm Supply, Jarrell, TX)





Left: An aerial view of the tornado path and the remnants of the Double Creek estates. The tornado completely removed the homes from their foundations. (Note the cement slab foundations and the absence of debris) The dark lines in the photo are tire tracks of rescue vehicles as they drove through the fields looking for survivors.

(Photo courtesy of Troy Kimmel, KimCo Meteorological Services, Austin, TX)

Right: Another aerial view near Jarrell. The powerful F5 tornado scoured the ground in its path. The driveway in this photo led to a house which stood directly in the tornado's path.

(Photo courtesy of Troy Kimmel, KimCo Meteorological Services, Austin, TX)



Left: One of the many foundations left by the tornado. Most of the homes in this area were fabricated on cement slabs similar to this one. All of the homes were completely demolished and debris was scattered for miles. Few homes had a basement or storm shelter of any type.

(Photo courtesy of Larry Eblen, Jeff Orrock and Bruce Thoren, NWS, Austin/San Antonio, TX)



This house located in Cedar Park, TX was heavily damaged by airborne debris and tornadic winds.

(Photo courtesy of NWS, Austin/San Antonio, TX)



This house, also located in Cedar Park, was severely damaged. The tornado passed within close proximity to this house.

(Photo courtesy of NWS, Austin/San Antonio, TX)



The remnants of a mobile home and a trailer located at the Double Creek Estates. Note the absence of large debris.

(Photo courtesy of NWS, Austin/San Antonio, TX)



This vehicle, one of many destroyed by the tornado, is located next to the remnants of a home.

(Photo courtesy of NWS, Austin/San Antonio, TX)



An aerial view of the Buttercup Creek section of Cedar Park depicts how a tornado can destroy a home and leave neighbors' homes untouched.

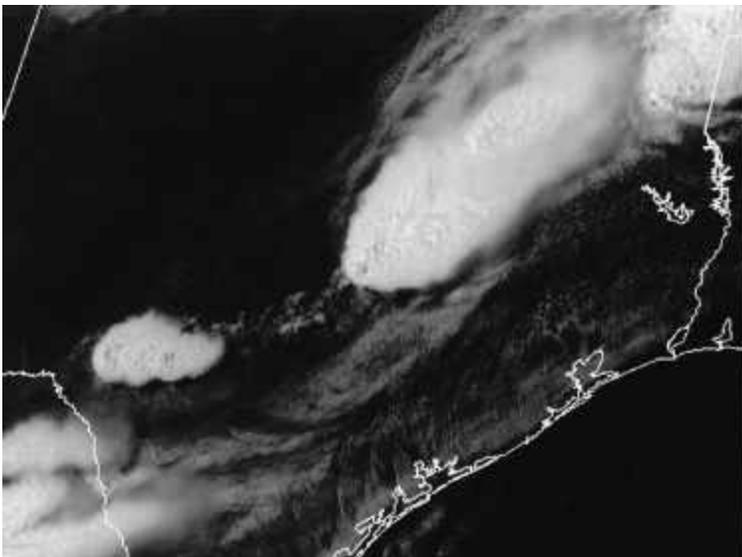
(Photo courtesy of Troy Kimmel, KimCo, Austin, TX)



An aerial view of a collapsed roof of a store in Cedar Park, just north of Austin, TX.

(Photo courtesy of Troy Kimmel, KimCo, Austin, TX)

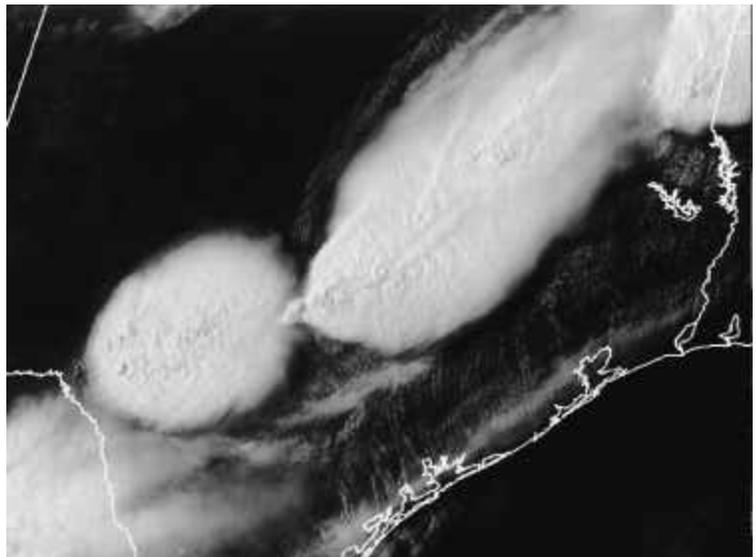
Right: The parent cloud that produced the Jarrell F5 tornado began as a small thunderstorm at the intersection of two cloud lines in East-Central Texas about 10:00AM CST. The thunderstorms developed southwest along a strong “dryline” and by the time (1:02PM CST) of the GOES-8 Visible Image (right), the primary cell was well established .



Left: By 2:45PM CST, the primary cell was showing a distinctive “overshooting top” near the southwest edge (center of photo) of the anvil cloud, while below, the Jarrell F5 tornado was already on the ground. The Doppler radar indicated a maximum cell height of 58,000 feet at 2:35PM CST. Note also the “wake effect” in the cloud top as strong SW to NE winds aloft were forced to flow around the “overshooting top”.

Right: By 4:02PM CST, the primary cell had continued to develop southwest and was about to merge into the cirrus “anvil” cloud shield that was streaming northeast from a cell complex that developed near the Texas-Mexico border.

(Satellite images courtesy of the National Climatic Data Center)



Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ALABAMA, North Central									
Marion County Hamilton	02	1515CST			0	0	5K	0	Thunderstorm Wind (G50) Trees were reported down in Hamilton.
Lamar County 10 N Vernon	02	1520CST			0	0	6K	0	Thunderstorm Wind (G50) Trees and a few power lines were reported down between Sulligent and Vernon. Time estimated.
Colbert County Muscle Shoals	02	1526CST			0	0	5K	0	Thunderstorm Wind (G56) A gust to 64 mph was recorded by the ASOS at the Muscle Shoals Airport.
Winston County Double Spgs	02	1605CST			0	0	6K	0	Tstm Wind/Hail Trees were down in Double Springs, and dime size hail was reported in many locations in the western part of the county.
Walker County Eldridge	02	1630CST			0	0	3K	0	Hail (0.75) Dime size hail was reported in Eldridge, in the northwest part of the county.
Cullman County 3 W West Pt	02	1652CST			0	0	3K	0	Hail (0.75) Dime size hail was reported in the northwest part of the county.
Morgan County Decatur	02	1700CST			0	0	6K	0	Thunderstorm Wind (G50) Several trees were uprooted in Decatur and Hartselle. There were also some power outages due to trees falling on the lines.
Marion County Guin	02	1705CST			0	0	5K	0	Thunderstorm Wind (G50) Trees were down near Guin in the southwest part of the county, in the southern part of the county, reported by the EMA.
Winston County Haleyville	02	1740CST			0	0	4K	0	Hail (0.88) Nickel size hail was reported in Haleyville.
Marion County Guin	02	1755CST			0	0	5K	0	Thunderstorm Wind (G50) Trees were down in Guin, in the southwest part of the county.
Jackson County Scottsboro	02	1800CST			0	0	7K	0	Thunderstorm Wind (G55) Trees and limbs were blown onto power lines causing power outages for over 12 hours in some locations in Scottsboro.
Lamar County Sulligent	02	1800CST			0	0	6K	0	Tstm Wind/Hail Three-quarter inch hail was reported, and several trees blown down in Sulligent, in the western part of the county.
Marion County Hamilton	02	1800CST 2200CST			0	0	15K	2K	Flash Flood
Marion County Winfield	02	1800CST 2200CST			0	0	20K	2K	Flash Flood Up to seven inches of rain fell causing several roads to wash out including CR 95 between SR 253 and SR 44. In Winfield, the city park was under up to 6 feet of water, destroying an ice machine, a pitching machine and a concession stand. The next day, a 31 year old Mississippi woman drowned, when her raft capsized while rafting along the Buttahatchee River near Hamilton.
Cullman County Baileyton	02	1830CST			0	0	7K	0	Hail (1.75) Golf ball size hail was reported in Baileyton, in the northeast part of the county.
Marshall County Guntersville	02	1848CST			0	0	15K	5K	Hail (1.75) Golf ball sized hail covered the ground in Guntersville. The high school roof and parking lot were damaged with. The wheat crop was also damaged.
Dekalb County Geraldine	02	1916CST			0	0	7K	0	Hail (1.75) Golf ball sized hail was reported in Geraldine.
Cherokee County Jamestown	02	2000CST			0	0	5K	0	Thunderstorm Wind (G50) Trees were reported down near Jamestown, in the northern part of the county.
Marshall County Guntersville	02 03	2000CST 0200CST			0	0	40K	5K	Flash Flood Over 5 inches of rain fell over parts of the county causing storm drains to fill up quickly. Several roads were washed away and

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
ALABAMA, North Central									
									water businesses and homes had up to 1 1/2 feet of water in them. The fire station in Guntersville had several inches of water in the truck bay.
Lamar County 3 N Vernon	02	2015CST			0	0	7K	0	Thunderstorm Wind (G50)
									A few trees and power lines were down north of Vernon.
Marion County Winfield	02	2045CST			0	0	5K	0	Hail (1.00)
									Hail the size of quarters was reported in Winfield.
Fayette County Fayette	02	2050CST			0	0	5K	0	Hail (1.75)
									Golf ball size hail was reported just north of Fayette.
Walker County Jasper	02	2115CST			0	0	3K	0	Thunderstorm Wind (G58)
									A gust to 67 mph was reported by a spotter.
Lamar County 6 N Millport	02	2145CST			0	0	5K	0	Hail (1.00)
									Quarter sized hail was reported in Mt. Olive, in the southern part of the county.
Cullman County Hanceville	02	2200CST			0	0	6K	0	Hail (1.75)
									Golf ball size hail was reported in Hanceville.
Blount County Royal	02	2225CST			0	0	5K	0	Thunderstorm Wind (G50)
									Trees were reported down in the Royal community, in the central part of the county.
Walker County Cordova	02	2250CST			0	0	5K	0	Thunderstorm Wind (G50)
									Four trees were blown down within the city limits of Cordova, in the eastern part of the county, requiring clean up.
Cherokee County 8 NW Centre	02	2340CST			0	0	5K	0	Thunderstorm Wind (G50)
									A few trees were down in the Sand Rock area, in the northwest part of the county.
Blount County Blountsville	03	0100CST 0500CST			0	0	35K	3K	Flash Flood
									Eighteen people had to be evacuated from a mobile home park, some of them by boat, when a small creek flooded causing several feet of water in the park. Several cars were totally submerged and the water reached into a few of the homes.
Lamar County Vernon	03	0105CST			0	0	15K	0	Thunderstorm Wind (G50)
									Trees were down in several areas around Vernon. One fell on a house knocking a hole in the roof and damaging the ceiling and walls.
Etowah County Gadsden	03	0230CST			0	0	85K	0	Lightning
									Lightning struck a house and it was totally destroyed by the ensuing fire. Three cows were also killed while standing under a tree that was struck by lightning.
Tuscaloosa County Tuscaloosa	03	0305CST			0	0	8K	0	Thunderstorm Wind (G50)
									Power lines were down along Highway 11, just west of Tuscaloosa.
St. Clair County Ashville	03	0350CST			0	0	5K	0	Thunderstorm Wind (G50)
									Trees were down and power was out in Ashville.
Talladega County Lincoln	03	0415CST			0	0	8K	0	Thunderstorm Wind (G50)
									The entire city of Lincoln was without power due to trees on power lines.
Talladega County Talladega	03	0420CST			0	0	7K	0	Thunderstorm Wind (G50)
									Trees and power lines were down throughout the city.
Autauga County Prattville	03	0530CST			0	0	3K	0	Thunderstorm Wind (G50)
									Several trees were blown down on a NWS employee's property.
Coosa County Rockford	03	0530CST			0	0	8K	0	Thunderstorm Wind (G50)
									There were widespread power outages across the county due to downed power lines.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, North Central									
Russell County Phenix City	03	0700CST			0	0	4K	0	Hail (1.00)
									Hail the size of quarters was reported in northern Phenix City.
Limestone County 5.5 WSW Reid to 4.5 WSW Reid	03	1545CST	1	50	0	0	45K	0	Tornado (F0)
									A small tornado touched down at Paradise Shores on the Limestone County side of the Tennessee River downing several trees and causing minor damage to several houses. One tree fell on a car while another fell into a three-car garage damaging a collection of Harley-Davidson motorcycles.
Limestone County 2 SSW Athens to 1.5 ENE Athens	03	1602CST 1607CST	3.2	75	0	12	2.3M	50K	Tornado (F2)
									A tornado, rated at F2 on the Fujita scale, struck the southern and eastern sections of Athens in Limestone County. The tornado path began about 2 miles south-southwest of Athens near the intersection of Sanderfer Road and County Road 45. The tornado moved northeasterly crossing through southern and eastern sections of Athens. It crossed the intersection of State Road 127 and US 72 where several businesses were damaged. Some damage was caused at Athens Middle School. The tornado continued northeast dissipating near the intersection of Proyr Street and US 31 near Athens High School. According to EMA officials, six homes were destroyed, 14 homes sustained major damage, and an additional 14 homes had minor damage. Three apartment buildings, each with eight units, were damaged, 13 businesses had major damage, and two businesses reported minor damage. Of the 12 injuries, two were described as serious.
Madison County 1.7 NW Meridianville to 2 NNW Meridianville	03	1626CST 1628CST	1.3	70	0	1	600K	0	Tornado (F2)
									A short but powerful tornado struck the area northwest of Meridianville destroying four homes along with major damage to two others and minor damage to twelve more. The tornado path began in an open area just southwest of the Colonial Golf Course. The tornado moved through a small subdivision on the north and east sides of the golf course and moved into an open area again as it dissipated.
Madison County 4.5 NNW Owens Xrds to 4.5 N Owens Xrds	03	1634CST 1636CST	1.3	40	0	0	85K	0	Tornado (F0)
									A short tornado hit the Big Cove area of southeast Madison County damaging several houses and the wastewater treatment plant. A business with machinery outside and several tin-roofed buildings were also damaged. One older house that appeared abandoned was destroyed.
Madison County Owens Xrds	03	1640CST 1642CST	1.5	50	0	0	100K	0	Tornado (F0)
									A small tornado damaged roofs to 15 homes and downed a number of trees in Owens Crossroads.
Tuscaloosa County Samantha	09	0834CST			0	0	5K	0	Thunderstorm Wind (G50)
									Several trees were blown down in Samantha.
Jefferson County Birmingham	09	0900CST			0	0	10K	0	Thunderstorm Wind (G60)
									Several trees were blown down and windows were blown out at the Bell South building downtown.
Lee County 6 S Auburn	09	1500CST			0	0	4K	0	Hail (0.75)
									Dime size hail was reported near Beauregard, in the central part of the county.
Lee County Smiths Station	09	1512CST			0	0	6K	0	Hail (1.25)
									Hail the size of half dollars was reported in Smiths Station, in the eastern part of the county.
Russell County Phenix City	09	1515CST			0	0	4K	0	Hail (0.75)
									Dime size hail was reported in Phenix City.
Madison County Huntsville	25	1823CST 1824CST	0.2	30	0	0	10K	0	Tornado (F0)
									A weak tornado touched down briefly south of Huntsville at the corner of Airport Road and Memorial Parkway. The awning of a Winn Dixie was ripped off. It was seen and video taped by several citizens and by a Channel 31 meteorologist.
Lauderdale County Oakland	26	2125CST			0	0	4K	1K	Hail (0.75)
									Three-quarter inch hail covered the ground.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ALABAMA, North Central</u>									
Colbert County 8 N Cherokee	26	2133CST			0	0	4K	1K	Hail (0.75)
Colbert County 8 SW Tusculmbia	26	2203CST			0	0	5K	1K	Hail (1.00)
Colbert County 10 SE Tusculmbia	26	2205CST			0	0	4K	1K	Hail (0.75)
Colbert County Littleville	26	2206CST			0	0	6K	1K	Tstm Wind/Hail Three-quarter to one inch hail was reported throughout the county. Trees were also reported down in Littleville.
Franklin County Russellville	26	2207CST			0	0	4K	0	Hail (0.75)
Franklin County 7 NE Russellville	26	2212CST			0	0	7K	2K	Hail (1.75)
Franklin County Philcampbell	26	2215CST			0	0	4K	0	Hail (0.75) Penny to golf ball sized hail was reported in the eastern sections of the county.
Lawrence County Mt Hope	26	2217CST			0	0	10K	6K	Hail (3.50)
Lawrence County Moulton	26	2223CST			0	0	3K	0	Hail (0.75) Larger than tea cup sized hail was reported in Mt. Hope in the southeast part of the county along with three-quarter inch hail at Moulton..
Winston County Moreland	26	2248CST			0	0	6K	1K	Hail (0.75) Three-quarter inch hail was reported in Moreland, in northern Winston county.
Marshall County Albertville	28	0715CST			0	0	9K	0	Thunderstorm Wind (G50) Wind knocked down several trees onto power lines, causing power outages for up to three hours in many locations across the city.
Blount County Snead	31	1230CST			0	0	7K	0	Thunderstorm Wind (G50) Several trees were reported down in Snead, in the northern part of the county.
St. Clair County Steele	31	1245CST			0	0	8K	0	Thunderstorm Wind (G50) Numerous trees and power lines were down in Steele near CR 42 and US 11.
<u>ALABAMA, Southeast</u>									
NONE REPORTED.									
<u>ALABAMA, Southwest</u>									
Choctaw County Rock Spgs	03	0405CST			0	0			Hail (0.75) Dime size hail was reported around Rock Springs.
Mobile County Saraland to Mobile	15	1420CST 1440CST			0	0			Hail (1.75) Golfball to dime size hail was reported along I65 from Saraland to Mobile.
Mobile County Creola	19	1410CST 1411CST			0	0	5K		Thunderstorm Wind (G45) Gusty winds, around 50 mph, caused minor roof damage to two homes. Also, a couple of carports suffered damage and a trampoline was turned over.
Mobile County Mobile	19	1815CST			0	0	15K		Lightning Lightning hit an old live oak tree and ripped a 20 ft. strip of wood from the 4 foot wide and 70 foot tall tree. The exploding strip of wood, from the tree, damaged two nearby historical homes built in 1850.
Escambia County Wallace	23	1450CST 1451CST			0	0			Hail (0.75) Dime size hail was reported along I65 just west of Wallace.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALABAMA, Southwest									
Washington County Mc Intosh	23	1720CST 1721CST			0	0			Hail (1.00)
			Quarter size hail was reported in McIntosh.						
Washington County Millry	23	1730CST 1734CST			0	0	2K		Thunderstorm Wind (G50)
			Trees and power lines were blown down near Millry.						
Washington County Wagarville	23	1800CST 1801CST			0	0			Hail (0.75)
			Dime size hail was reported near Wagarville.						
Covington County River Falls	24	2305CST 2306CST			0	0	1K		Thunderstorm Wind (G50)
			Several trees were blown down along US HWY 84 near River Falls.						
Washington County Chatom	27	2000CST			0	0	5K		Lightning
			Lightning struck a house in Chatom and caused it to catch on fire.						
Escambia County Flomaton to Brewton	27	2023CST 2028CST			0	0			Hail (0.75)
			Dime size hail was reported along US HWY 29 between Flomaton and Brewton.						
Clarke County 3 W Alma	27	2125CST 2126CST			0	0			Hail (0.75)
			Dime size hail was reported along CR 27 about three miles west of Alma.						
Baldwin County 5 S Chrysler	27	2200CST 2201CST			0	0			Hail (0.75)
			Dime size hail was reported along SH 59 about five miles south of Chrysler.						
Monroe County Eliska	27	2210CST 2211CST			0	0			Hail (0.75)
			Dime size hail was reported along CR 8 near Eliska.						
Choctaw County Gilbertown	28	0040CST 0045CST			0	0	2K		Thunderstorm Wind (G50)
			Several trees were blown down near Gilbertown. A couple of awnings were damaged near SH 17 in the same area.						
Choctaw County Butler	28	0120CST 0121CST			0	0			Hail (0.75)
			Dime size hail was reported around Butler.						
Washington County Millry	28	0130CST 0132CST			0	0	1K		Thunderstorm Wind (G50)
			Several trees were blown down along CR 34 just northeast of Millry.						
Wilcox County Alberta	28	0300CST 0301CST			0	0	1K		Thunderstorm Wind (G50)
			Several trees were blown down near Alberta.						
Wilcox County Millers Ferry	28	1435CST 1436CST			0	0			Hail (0.75)
			Dime size hail was reported in Millers Ferry.						
Washington County Mc Intosh	28	1630CST 1632CST			0	0	1K		Thunderstorm Wind (G50)
			Several large limbs were blown down in the McIntosh community.						
Clarke County Jackson	28	1640CST 1642CST			0	0	2K		Thunderstorm Wind (G50)
			Several trees and power lines were blown down in the Jackson community.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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ALABAMA, Southwest

Clarke County

Jackson	28	1830CST			0	0	2K		Flash Flood
	29	0330CST							

Sections of SH 177 were washed out and other roads in the south part of the county were impassable from the early evening hours into the early morning hours because of high water. WSR-88D estimated that 8 to 10 inches of rain fell in this area from late afternoon through the early morning hours. Most of the rain fell during the evening hours.

Butler County

Mc Kenzie	28	1835CST 1836CST			0	0	1.5K		Thunderstorm Wind (G50)
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Several trees were blown down in southern sections of the county near the McKenzie community.

Choctaw County

Butler to Bolinger	28	1845CST			0	0	1K		Flash Flood
	29	0330CST							

Several roads in the Butler community were closed overnight due to high water. Also, several secondary roads in the southern sections of the county had to be closed overnight due to high water. WSR-88D estimated that 6 to 8 inches of rain fell in central and southern sections of the county during the afternoon into the early morning hours. Most of the rain fell during the evening hours.

Washington County

St Stephens to Seaboard	28	1845CST			0	0	2K		Flash Flood
	29	0300CST							

Several secondary roads were closed in central and southeastern sections of the county overnight due to high water. WSR-88D estimated that 5 to 7 inches of rain fell in this area during the afternoon into the early morning hours. Most of the rain fell during the evening.

Mobile County

Mobile	28	2015CST 2215CST			0	0	10K		Flash Flood
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Heavy rains fell around the Mobile area during the evening. The heaviest rain fell in the twelvemile and threemile creek basins, from Moffett Road, across Municipal Park across Airport Blvd to Cottage Hill Road at University. Up to 9 inches of rain fell in this area in 3 to 4 hours with 4.52 inches falling in one hour near the USA Campus. Several Streets in this area had standing water 3 to 4 feet deep in intersections. One such intersection was at University and Old Shell, near where the 4.52 inches of rainfall occurred. A mother and her young son tried to avoid this flooded intersection and became disoriented, driving into a flooded drainage ditch. The car they were in was then swept away into swollen twelvemile creek. Someone tried to save them but was unable to do so. The automobile was found one mile down the ditch and the two bodies were recovered two days later in Municipal Park Lake.

Mobile County

Mobile Bates Fld	28	2040CST 2042CST			0	0	1.5K		Thunderstorm Wind (G50)
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Several trees and power lines were blown down near Dawes Road, just south of the airport.

Butler County

Garland	28	2100CST			0	0	1.5K		Flash Flood
	29	0100CST							

Heavy rains caused Persimmon Creek, southeast of Garland, to overflow its banks at CR 8. The road was closed for several hours until the water receded. WSR-88D estimated that 2 to 4 inches of rain fell in this area, during a three hour period.

Mobile County

Dauphin Is	28	2230CST			1	0			Lightning
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Two males were fishing in a wooden boat, when lightning struck and killed one occupant. The other occupant was not injured. They were fishing along the northern section of the island when the lightning struck. There were numerous storms in the area at the time.

M55BO

ALASKA, Northern

AKZ024

St. Lawrence Island-Bering Strait Coast

19	1015AST	1735AST			0	0			High Wind (G35)
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A storm crossed the central aleutian chain and moved north over the southern and central Bering Sea before curving northwest and weakening. Max winds at Gambell: 35g41 kts 19th 1815 AST, at Savoonga 35g43 kts occasionally between 1015am and 1735 on the 19th.

ALASKA, Southeast

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ALASKA, Southern									
AKZ021			Western Alaska Peninsula						
	02	0000AST			0	0			High Wind (G35)
		1200AST							
			A moderate front just east of the Komandorskiye Islands produced moderate southerly winds ahead of it in the extreme western Aleutians Wednesday. Gusts reached 43 mph at Shemya at 10:10 am Wednesday. By Friday morning...the front extended in an arc through the eastern Bering Sea to just east of Segouam Island, producing locally brisk southeast winds around Cold Bay where gusts near 40 mph were recorded in the morning. By Friday afternoon...the front had weakened significantly.						
AKZ021>022			Western Alaska Peninsula - Eastern Aleutians						
	04	1200AST			0	0			High Wind (G39)
	05	1200AST							
			A moderate front moved into the western Aleutians Saturday...extending in a long arc from Cape Navarin to Dutch Harbor at 4am Monday. The front then remained nearly stationary and began to dissipate late Monday. Brisk southeasterly winds preceded the front...reaching 45 mph in the western Aleutians Saturday and 40 mph locally along the Alaska Peninsula late Sunday and Monday.						
AKZ022			Eastern Aleutians						
	05	0000AST			0	0			High Wind (G45)
		2300AST							
			Another in a series of moderate fronts moved into the Komandorskiye Islands Monday afternoon...weakening in a long arc from the central Bering Sea to Segouam Island Tuesday morning. Brisk southeast winds again preceded the front...reaching 52 mph at Shemya late Monday.						
AKZ022			Eastern Aleutians						
	06	1800AST			0	0			High Wind (G58)
	07	1800AST							
			A vigorous frontal wave developed in the western Pacific Tuesday...reaching at least a 974 mb center near Attu early Wednesday. The front elongated northeast from the low...moving to just west of Adak at 4pm Wednesday...weakening in a northwest- southeast arc through Segouam Island at 10 am Thursday. Brisk southeast winds preceded the front...reaching 58 mph at Shemya between 2am and 3:15am Wednesday. Brisk southwesterly winds were also observed around the south and southwest side of the low.						
AKZ011-018-021>022			Bristol Bay Coastal - Cook Inlet-Susitna Valley - Western Alaska Peninsula - Eastern Aleutians						
	09	0600AST			0	0			High Wind (G47)
	12	0300AST							
			Another vigorous low and front approached the extreme western Aleutians early Friday...preceded by brisk southeast winds. Gusts reached 54 mph at Shemya at 12:27 pm Friday. Late Saturday the front had moved into the southwest Alaskan coast and into the upper Alaska Peninsula and weakened. Cold Bay recorded wind gusts of 40 mph prior to the frontal passage late Saturday. On Sunday, wind gusts reached 41 mph at King Salmon. The front continued to weaken Monday...extending in a northwest-southeast line from Norton Sound to Kodiak at 4pm. Wind gusts locally reached 50 mph near Turnagain Arm and along the Anchorage upper hillside Sunday afternoon and early Monday morning.						
AKZ019			Central Gulf Coast						
	10	1600AST			0	0			High Wind (G39)
	11	0400AST							
			A moderate low and frontal system in the northern Gulf of Alaska produced wind gusts of 45 mph at Middleton Island late Saturday and early Sunday.						
AKZ010>011-021-023			Yukon-Kuskokwim Delta - Bristol Bay Coastal - Western Alaska Peninsula - St. Paul Island						
	13	1300AST			0	0			High Wind (G47)
	14	1930AST							
			A moderate low and front moved through the central Aleutians late Monday and early Tuesday. By 4am Wednesday, the low had reached a 990mb center and was located between Saint Matthew Island and Nunivak Island...with the front in an arc through Emmonak and just east of Port Heiden. Brisk southeast winds were observed in advance of the front. Brisk westerly winds were also observed south of the low center. By 4pm Wednesday the low had begun to weaken near Emmonak with the front extending in a large arc through Galena A.F.B. and into Resurrection Bay. Wind gusts reached 48 mph in advance of the front at 1:12 pm Tuesday at Cold Bay...however even stronger gusts reached 54 mph from the west at 12:22 pm Wednesday on the south side of the low. On the south side of the low on Tuesday...wind gusts reached 48 mph at Saint Paul from 4am to 2pm, 53 mph at Cape Newenham between 5:30 am and 6:00 pm, and 41 mph at Mekoryuk (on Nunivak Island) between 4 pm and 7:30 pm. On Wednesday, wind gusts reached 43 mph at King Salmon.						
AKZ011-021>023			Bristol Bay Coastal - Western Alaska Peninsula - Eastern Aleutians - St. Paul Island						
	15	0400AST			0	0			High Wind (G49)
	16	2359AST							
			A rapidly deepening low moved out of the northcentral Pacific late Wednesday...reaching a depth of at least 970 mbs near Adak at 10 am Thursday. The moderate to strong front associated with this low extended in an arc 150 miles north of Adak through the western tip of Umnak Island at 10 am Thursday. Gale to locally storm force east and southeast winds preceded the front...while southwesterly storm force winds were observed along the south and southwest side of the low. Cold Bay recorded a wind gust of 57 mph at 8:01pm Thursday evening. By Friday morning...the low had moved into the central Bering Sea as the front continued to elongate north and east...through the Yukon-Kuskokwim Delta and into the upper Alaska Peninsula. Wind gusts reached 43 mph at King Salmon Friday in the frontal area.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ALASKA, Southern

AKZ010>011-018-021>023 Yukon-Kuskokwim Delta - Bristol Bay Coastal - Cook Inlet-Susitna Valley - Western Alaska Peninsula - Eastern Aleutians - St. Paul Island

	17	2100AST			0	0			High Wind (G66)
	19	1800AST							

A major north Pacific low moved by Atka Island with at least a 970 mb central pressure early Sunday. The low then continued north through the Bering Sea...to 180 miles west of Saint Matthew Island Monday morning...weakening a bit. The front elongated both north and east from the center...extending in a wide arc through the Chukotsk Peninsula of Russia through the Seward Peninsula and into extreme eastern Bristol Bay Monday morning. Strong southeasterly winds preceded the front. Wind gusts reached 45 mph at King Salmon and along the Anchorage Upper Hillside Monday. Strong westerly winds were also observed around the south and west sides of the low. By 4am Tuesday...the low had weakened to 996 mbs near Cape Navarin, Russia and the front had all but dissipated across the western Alaska mainland. Cold Bay recorded gusts of 76 mph early Sunday morning.

AKZ022

Eastern Aleutians

	21	1800AST			0	0			High Wind (G34)
	22	1200AST							

A moderate frontal system approached the western Aleutians late Wednesday and early Thursday...preceded by brisk easterly wind gusts around 40 mph.

AKZ011

Bristol Bay Coastal

	25	0000AST			0	0			Temperature Record
		2359AST							

New record high temperature of 80 at King Salmon.

AKZ022

Eastern Aleutians

	29	1200AST			0	0			High Wind (G34)
	30	2300AST							

A moderate front just south of the Aleutians brought easterly wind gusts of 40 mph to most areas Thursday and Friday.

AMERICAN SAMOA

NOT RECEIVED.

ARIZONA, Central and Northeast

Yavapai County

6 NE Camp Verde	09	0735MST			0	0	0	0	Thunderstorm Wind (G59)
		0736MST							

Single thunderstorm gust to 59 kts/68 mph near Beaver Creek Country Club in Lake Montezuma.

Yavapai County

Mayer	11	1420MST			0	0	0	0	Funnel Cloud
		1428MST							

Spotter reported a funnel cloud but the report was unconfirmed and only minor thunderstorms were in the area at the time.

Yavapai County

5 E Camp Verde	16	2045MST			0	0	5K	0	Thunderstorm Wind (G50)
		2115MST							

A thunderstorm caused wind damage to eastern sections of Camp Verde. One report was received from the public of a tornado, but no witnesses could be found to verify this. We concluded the damage was caused by gusty winds, but no winds speeds were recorded. Several trailers were moved off their foundations in the White Hills Trailer Park. On Hardy Lane branches broke off trees and were scattered over the road. In the Sierra Verde area an older barn lost part of its roof.

ARIZONA, Northwest

Mohave County

Lake Havasu City	11	1650MST			0	0			Thunderstorm Wind (G60)
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A weather spotter in Lake Havasu City reported a 69 mph wind gust from a nearby thunderstorm. There was no report of damage.

ARIZONA, South

Santa Cruz County

Tubac	18	1430MST			0	0	0.50K		Thunderstorm Wind
		1433MST							

A tin roof was blown off a shed.

Pinal County

Dudleyville	19	1430MST			0	0			Flash Flood
		1500MST							

Road was closed due to boulder being washed onto road. Water overflowed banks of wash.

Pinal County

San Manuel	19	1445MST			0	0			Hail (0.75)
		1450MST							

Dime size hail was reported.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ARIZONA, South</u>									
Pima County									
Davis Monthan Afb	20	1259MST			0	0			Thunderstorm Wind (G55)
									Winds gusted to 55kts.
Cochise County									
10 N Ft Huachuca	20	1440MST			1	0			Lightning
									A woman camping with her two sons in a tent was killed when lightning struck the tent. Her two sons, one inside the tent, the other outside the tent, were not injured. F39CA
Cochise County									
30 W Willcox	20	1700MST			1	0			Lightning
									A man camping in his tent was killed when lightning struck his tent. M55CA
<u>ARIZONA, Southwest</u>									
Maricopa County									
Mesa	20	1430MST			0	0			Thunderstorm Wind (G52)
									Wind gust was estimated by a weather spotter at Apache Trail and Ellsworth Road.
<u>ARKANSAS, Central and North Central</u>									
Bradley County									
Warren	02	1340CST			0	0			Hail (0.75)
Conway County									
Morrilton	02	1621CST			0	0			Hail (0.75)
Ouachita County									
3 N Camden	02	1625CST			0	0			Hail (1.00)
Conway County									
Cleveland	02	1630CST			0	0			Hail (0.75)
Franklin County									
Charleston	02	1637CST			0	0			Hail (1.00)
Franklin County									
Charleston	02	1637CST			0	0			Thunderstorm Wind (G52)
									Thunderstorm winds gusted to 60 mph at Charleston.
Drew County									
Monticello	02	1710CST			0	0			Hail (1.75)
Pope County									
2 W London	02	1725CST			0	0			Hail (1.00)
Pope County									
2 W London	02	1725CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed a few trees.
Pope County									
London	02	1730CST			0	0			Thunderstorm Wind (G50)
									Several large trees were knocked down.
White County									
Beebe	02	1755CST			0	0			Hail (0.75)
Drew County									
Monticello	02	1932CST			0	0			Hail (0.75)
Prairie County									
Hazen	02	1945CST			0	0	30K		Lightning
									Lightning struck a house which resulted in a fire. The fire spread from the attic area and eventually destroyed much of the house.
Polk County									
6 E Mena	08	1945CST			0	0			Hail (0.75)
Fulton County									
Mammoth Spg	26	2045CST			0	0			Hail (0.75)
Fulton County									
4 S Mammoth Spg	26	2055CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some large trees.
Sharp County									
Hardy	26	2100CST			0	0			Hail (1.75)
Newton County									
Nail	26	2240CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some trees.
Newton County									
Swain	26	2240CST			0	0			Thunderstorm Wind (G50)
									Several trees were knocked down.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ARKANSAS, Central and North Central</u>									
Newton County									
Deer	26	2245CST			0	0			Thunderstorm Wind (G50)
									Several large trees were blown down.
Polk County									
Hatfield	26	2245CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some trees and damaged several farm buildings.
Polk County									
Cove	26	2245CST			0	0			Thunderstorm Wind (G50)
									Some trees were knocked down and a few outbuildings were also damaged.
Polk County									
Potter	26	2250CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds blew down a few trees.
Newton County									
Lurton	26	2300CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed several trees.
Boone County									
7 NW Harrison	26	2300CST			0	0			Thunderstorm Wind (G56)
									Thunderstorm winds gusted to 65 mph at the intersection of Highways 65 and 62.
Boone County									
1 N Harrison	26	2300CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some trees just north of Harrison.
Baxter County									
8 ENE Mountain Home	26	2315CST			0	0	50K		Thunderstorm Wind (G50)
									Thunderstorm winds damaged a number of boats and boat sheds along a portion of Norfolk Lake. A number of trees and power lines were also blown down.
Baxter County									
Buffalo	26	2315CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds blew down several trees.
Fulton County									
1 SW Mammoth Spg	26	2315CST			0	0			Thunderstorm Wind (G50)
									Several trees and power lines were knocked down.
Fulton County									
Salem	26	2315CST			0	0			Hail (0.88)
Searcy County									
Marshall	26	2337CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed numerous trees.
Montgomery County									
Oden	26	2345CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds destroyed a farm building. Several buildings also sustained roof damage.
Izard County									
Calico Rock	26	2345CST			0	0			Hail (0.75)
Stone County									
5 NW Onia	26	2350CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds blew over a trailer and caused roof damage to several buildings. A number of trees and power lines were also knocked down.
Sharp County									
6 ESE Hardy	26	2355CST			0	0			Hail (0.88)
Sharp County									
Poughkeepsie	26	2355CST			0	0			Thunderstorm Wind (G50)
									Some trees were blown down.
Yell County									
Danville	27	0015CST			0	0			Thunderstorm Wind (G50)
									Several buildings sustained roof damage.
Cleburne County									
Prim	27	0015CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some large tree limbs.
Cleburne County									
Prim	27	0015CST 0020CST			0	0			Hail (1.00)
									Hail up to one inch in diameter damaged a vehicle.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ARKANSAS, Central and North Central</u>									
Pike County									
Kirby	27	0020CST			0	0			Hail (0.75)
Pike County									
Glenwood	27	0020CST			0	0			Hail (0.75)
Independence County									
Salado	27	0040CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some trees and destroyed an outbuilding.
Jackson County									
Campbell Station	27	0047CST			0	0			Hail (1.00)
Independence County									
Oil Trough	27	0050CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds destroyed several outbuildings and damaged the roofs of a few buildings.
Garland County									
Lake Catherine	27	0055CST			0	0			Thunderstorm Wind (G56)
Clark County									
2 W Arkadelphia	27	0100CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some trees.
Hot Spring County									
Malvern	27	0100CST			0	0			Thunderstorm Wind (G50)
									Some trees were blown down.
White County									
1 W Searcy	27	0100CST			0	0			Thunderstorm Wind (G50)
									Several trees were knocked down.
Saline County									
Paron	27	0115CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed several trees and damage the roofs of some buildings.
Conway County									
Solgohachia	27	0120CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some trees. A storage shed was damaged and some buildings sustained roof damage.
Woodruff County									
5 NE Mc Crory	27	0130CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds damaged the roofs of several buildings.
Faulkner County									
Conway	27	0140CST			0	0			Thunderstorm Wind (G50)
									Several buildings suffered roof damage.
Faulkner County									
Greenbrier	27	0140CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds damaged the roofs of a few buildings.
Grant County									
Sheridan	27	0145CST			0	0			Thunderstorm Wind (G50)
									A couple of buildings sustained roof damage.
Pulaski County									
4 W Jacksonville to Jacksonville	27	0145CST 0150CST	4	50	0	0	200K		Tornado (F1)
									An F1 tornado touched down about 4 miles west of Jacksonville. The tornado first damaged the roof of a building 1.5 miles east of Highway 107. Several trees were also blown down in the same area. The tornado lifted several times as it moved eastward towards Highway 167, downing a number of trees and power poles. The tornado then moved into the City of Jacksonville where several buildings sustained roof damage. One store in a local mall suffered heavy structural damage. The tornado later lifted about a half mile east of Highway 167.
Faulkner County									
Vilonia	27	0150CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds blew down several trees.
Lonoke County									
Furlow	27	0210CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed trees and power lines.
Jefferson County									
Tucker	27	0215CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds blew down some large tree limbs.
Dallas County									
Fordyce	27	0225CST			0	0			Thunderstorm Wind (G50)
									Some trees were knocked down in and around Fordyce.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ARKANSAS, Central and North Central</u>									
Prairie County Hickory Plains	27	0225CST			0	0			Thunderstorm Wind (G50) Several trees were knocked down.
Prairie County Slovak	27	0235CST 0240CST			0	0			Hail (1.00) Hail up to one inch in diameter damaged some crops at Slovak.
Monroe County Brinkley	27	0245CST			0	0			Thunderstorm Wind (G50) Several buildings sustained roof damage.
Ouachita County Stephens	27	0305CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds knocked down some trees.
Arkansas County Gillett	27	0315CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds damaged the roofs of a couple of buildings.
Arkansas County Gillett	27	0315CST 0318CST			0	0			Hail (1.00) Hail up to quarter size damaged some crops.
Desha County Dumas	27	0330CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds knocked down some trees and damaged the roofs of a few buildings.
Desha County Mc Gehee	27	0340CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds damaged the roofs of some buildings and blew down several trees.
Calhoun County Hampton	27	0355CST			0	0			Thunderstorm Wind (G50) Several buildings sustained roof damage in Hampton.
Bradley County 15 S Warren	27	0425CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds damaged the roofs of some buildings.
Drew County 15 SW Monticello	27	0430CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds downed some trees.
Searcy County Leslie	27	1530CST			0	0			Hail (0.88)
Desha County Mc Gehee	27	1900CST			0	0			Hail (0.88)
Pulaski County Jacksonville	27	1920CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds downed some large tree limbs.
Lonoke County Furlow	27	1945CST			0	0			Hail (0.75)
Lonoke County Furlow	27	1945CST			0	0			Funnel Cloud A funnel cloud was observed by local law enforcement officials.
White County Antioch	27	2015CST			0	0			Hail (0.88)
Arkansas County Stuttgart	27	2205CST			0	0			Thunderstorm Wind (G50) Thunderstorm winds downed several trees.
Faulkner County Enola	28	0030CST			0	0			Hail (1.75)
White County Romance	28	0045CST			0	0			Hail (1.00)
Lonoke County 4 S Cabot	28	0050CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ARKANSAS, Central and North Central</u>									
Pulaski County Maumelle	28	0100CST 0230CST			0	0	135K		Lightning
									Lightning struck several houses in Maumelle between 2:00 am and 3:30 am. One home was completely destroyed by a fire that resulted from a lightning strike. The other homes had minor damage, which mainly consisted of electrical damage.
Pulaski County North Little Rock	28	0130CST			0	0			Hail (0.75)
Faulkner County Mayflower	28	0130CST			0	0			Hail (0.75)
Independence County Charlotte	30	1335CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds knocked down a number of trees and power lines. Several homes also sustained some structural damage.
White County Antioch	30	1400CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds downed some trees. Several homes also sustained roof damage.
Monroe County Brinkley	30	1545CST			0	0			Hail (0.75)
Garland County 6 W Hot Spgs	30	1700CST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds blew down a number of trees and power lines.
<u>ARKANSAS, East</u>									
ARZ058									
Phillips	02	1215CST 1225CST			1	0	25K		High Wind (G55)
									A localized non-thunderstorm wind gust produced damage in the towns of Helena and West Helena. A large awning blew on a car killing one person. Three schools were damaged. Numerous trees and power lines were knocked down. F57VE
Lee County 3 NW Moro	02	1550CST 1555CST			0	0	0.11K		Hail (1.00)
									Hail ranging from dime to quarter size fell near Moro.
Randolph County Pocahontas	26	2135CST 2140CST			0	0	0.01K		Hail (0.75)
Lawrence County Imboden	26	2200CST 2205CST			0	0	0.11K		Hail (1.00)
Randolph County Ravenden Spgs	26	2205CST 2210CST			0	0	0.01K		Hail (0.75)
Lawrence County Walnut Ridge	26	2240CST 2250CST			0	0	0.11K		Hail (1.00)
Lawrence County Sedgwick	26	2255CST 2257CST	0.1	10	0	0	0.01K		Tornado (F0)
									A tornado briefly touched down in Sedgwick causing little damage.
Craighead County Bono	27	0020CST 0030CST			0	0	7.6K		Hail (2.75)
									Hail ranging in size from quarters to baseballs fell in Bono.
Craighead County 5 N Jonesboro	27	0055CST 0100CST	0.1	10	0	0	0.01K		Tornado (F0)
									A tornado touched down just north of Jonesboro causing minimal damage.
Craighead County Bono	27	0130CST 0230CST			0	0	1K		Flash Flood
									Heavy rainfall produced flash flooding across a 5 block area of Bono. Water reached up to the doorway of several buildings.
Cross County Vanndale	27	0148CST 0150CST	0.2	25	0	0	100K		Tornado (F2)
									A tornado touched down near the town of Vanndale. Nearly 100 residential homes were damaged or destroyed. Three dozen

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ARKANSAS, East</u>									
mobile homes were damaged or destroyed. Three persons were injured. One cow was killed. Numerous trees and power lines were knocked down.									
Crittenden County Marion	27	0230CST 0235CST			0	0	0.01K		Hail (0.75)
Craighead County Jonesboro	30	1440CST 1450CST			0	0	5K		Thunderstorm Wind
Several power poles were bent over. Some trees and power lines were blown down as well.									
Craighead County 1 N Jonesboro to Lake City	30	1445CST 1510CST			0	0	0.11K		Hail (1.00)
<u>ARKANSAS, Northwest</u>									
Benton County 1 N Rogers	02	1525CST			0	0			Hail (0.75)
Carroll County 5 S Eureka Spgs	02	1550CST			0	0	0.10K		Thunderstorm Wind
Sebastian County Jenny Lind	02	1605CST			0	0			Hail (1.00)
Sebastian County 5 S Ft Smith	02	1608CST			0	0			Hail (1.75)
Sebastian County 5 S Ft Smith	02	1608CST			0	0	0.10K		Thunderstorm Wind
Sebastian County Greenwood	02	1615CST			0	0			Hail (1.25)
Severe thunderstorms developed in northwest Arkansas during the afternoon of May 2nd. Strong thunderstorm winds downed trees 5 miles south of Eureka Springs and 5 miles south of Fort Smith, and golfball size hail also fell 5 miles south of Fort Smith. Half dollar size hail fell at Greenwood, quarter size hail fell at Jenny Lind, and dime size hail fell 1 mile north of Rogers.									
Crawford County Mountainburg	08	0220CST			0	0			Hail (0.75)
A severe thunderstorm produced dime size hail at Mountainburg.									
Crawford County 7 SE Strickler	26	2130CST			0	0	0.10K		Thunderstorm Wind
Washington County 5 SE Strickler	26	2145CST			0	0	0.10K		Thunderstorm Wind
Washington County 2 NNE Elkins	26	2200CST			0	0	5K		Thunderstorm Wind
Carroll County Berryville	26	2210CST			0	0	15K		Thunderstorm Wind
Carroll County Metalton	26	2220CST			0	0			Hail (0.75)
Madison County Clifty	26	2230CST			0	0			Thunderstorm Wind (G52)
Severe thunderstorms moved across northwest Arkansas during the evening of May 26th. Strong thunderstorm winds blew the roof off a warehouse in an industrial area on the south side of Berryville, and other roof damage also occurred in this area. 2 large trees were also blown down in Berryville. A semi was blown off the road 2 miles north northeast of Elkins, and trees were blown down 7 miles southeast of Strickler and 5 miles southeast of Strickler. Thunderstorm winds gusted to 60 miles an hour in Clifty, and dime size hail fell at Metalton.									
Madison County 1 S Hindsville	30	0730CST			0	0			Hail (0.75)
A severe thunderstorm produced dime size hail 1 mile south of Hindsville.									
<u>ARKANSAS, Southeast</u>									
Chicot County Eudora	02	1758CST			0	0	2K		Thunderstorm Wind
Several trees were blown down.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>ARKANSAS, Southeast</u>									
Ashley County									
Crossett	02	2110CST			0	0	2K		Thunderstorm Wind
			Several trees were blown down.						
Ashley County									
Crossett	27	0445CST			0	0	3K		Thunderstorm Wind
			Several power lines were blown down.						
Chicot County									
Lake Vlg	27	0515CST			0	0			Hail (0.75)
<u>ARKANSAS, Southwest</u>									
Union County									
El Dorado	02	1719CST			0	0			Hail (0.88)
Sevier County									
15 SE De Queen	08	2250CST			0	0			Hail (0.75)
Sevier County									
1 S Horatio	14	2240CST			0	0			Thunderstorm Wind (G60)
			Several trees were toppled across Hwy 41 south of town.						
Sevier County									
Horatio	27	0155CST			0	0			Thunderstorm Wind (G60)
Little River County									
8 N Foreman	27	0200CST			0	0			Thunderstorm Wind (G60)
			Several large trees toppled across Hwy 41.						
Howard County									
Nashville	27	0215CST			0	0			Thunderstorm Wind (G60)
			Trees were toppled along with powerlines resulting in power outages in town.						
Hempstead County									
5 NW Blevins	27	0230CST			0	0			Thunderstorm Wind (G60)
			Tress and power lines were toppled.						
Lafayette County									
Canfield	27	0300CST			0	0			Thunderstorm Wind (G60)
Miller County									
Ravanna	27	1450CST			0	0			Hail (1.00)
Miller County									
Brightstar	27	1456CST			0	0	10K		Hail (3.00)
			Numerous reports of broken windows and damaged roofs on homes and automobiles.						
<u>CALIFORNIA, Extreme Southeast</u>									
Riverside County									
Blythe Arpt	18	1825MST			0	0			Thunderstorm Wind (G61)
<u>CALIFORNIA, North Central</u>									
Solano County									
Suisun City	29	1510PST			0	0	150K	0	Wild/Forest Fire
			Winds exacerbated a grass fire, destroying one house and damaging a second.						
<u>CALIFORNIA, Northeast</u>									
NONE REPORTED.									
<u>CALIFORNIA, Northwest</u>									
NONE REPORTED.									
<u>CALIFORNIA, South Central</u>									
Kern County									
10 N Taft	16	1600PST			0	0			Wild/Forest Fire
	20	0645PST							
			The Lokern fire between McKittrick and Tupman in Kern County burned 47,350 acres from the time it was set by lightning on May 16 until contained on May 20. While no damage was done to the threatened petroleum fields and structures, one tractor-trailer was destroyed in the fire. No injuries or other damage reported. NWS HNX supported suppression efforts by weather forecast support from the office.						
Fresno County									
15 NNE Fresno	19	1430PST			0	0	1.5M	300K	Lightning
		1900PST							

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
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CALIFORNIA, South Central

Lightning spawned and wind driven fire destroyed 600 acres of grassland and 3 upscale homes north-northeast of Fresno. Wind from the thunderstorm provided the driving force pushing the fire through fire-breaks and into expensive homes and through dry pastures.

Fresno County
3 NW Selma

19	1540PST 1600PST				0	15	150K	0	Thunderstorm Wind (G30)
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A large thunderstorm north of Fresno developing at 1400 PST provided an outflow with winds raising loose dust along Highway 99 southeast of the city after 1500 PST. Blowing dust lowered visibility to such an extent that 30 cars/trucks were involved in a chain-reaction crash injuring 15. Spotter reports gave wind speeds only as high as 35 MPH with measured wind at the Fresno Air Terminal ASOS at 31 MPH as the gust front crossed the airport.

CALIFORNIA, Southeast

San Bernardino County

Twenty Nine Palms

19	1210PST 1255PST				0	0	200K		Flash Flood
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A southern California radio station reported that more than 20 homes were flooded in Twentynine Palms from heavy thunderstorm rains. Also...the flooding closed Route 62 for about 10 hours due to mud and debris across the road.

San Bernardino County

8 W Twenty Nine Palms to
Twenty Nine Palms

19	1240PST				0	0			Hail (0.75)
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A weather spotter reported three-quarter inch diameter hail near Twentynine Palms.

CALIFORNIA, Southwest

San Bernardino County

Apple Vly

11	1330PST 1338PST	0.2	40		0	0		0	Tornado (F1)
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San Bernardino County

Apple Vly

11	1340PST 1350PST				0	0		0	Thunderstorm Wind (G70)
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San Bernardino County

Hesperia

11	1410PST 1420PST				0	0		0	Thunderstorm Wind (G58)
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Afternoon thunderstorm activity spawned a tornado and produced strong winds in the high desert areas. The small twister destroyed a metal shed, knocked over fences, uprooted trees, and ripped shingles off of roofs. Shortly afterward, strong winds, lasting about ten minutes, blew part of a roof off one home, destroyed a shed, and blew a camper shell off of a truck near the Apple Valley High School. Elsewhere around town, trees and utility lines were blown down, and visibilities were reduced in blowing dust and sand. Shortly after 3:00 pm local time, a wall of blowing dust was observed approaching Hesperia from the northeast. As the gust front passed by, winds increased and visibilities dropped to around 100 feet in blowing dust. Lightning, thunder, and drops of rain were observed during the storm, although due to the large amount of airborne dust and dirt, it was more mud than rain. During the storm, an auction building near Spruce and C Streets was demolished and several steel sheds were tossed about.

Riverside County
Coachella

18	0600PST 0715PST				0	0			Thunderstorm Wind (G52)
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A moist, unstable atmosphere set the stage for numerous thunderstorms throughout the desert areas beginning at daybreak. Gusty winds knocked down power poles, utility lines, and broke tree limbs.

San Bernardino County

4.5 NW Apple Vly Arpt to
1.5 N Apple Vly Arpt

18	1537PST 1550PST	3.5	100		0	0		0	Tornado (F1)
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San Bernardino County

1.5 N Apple Vly Arpt to
9.7 ENE Apple Vly Arpt

18	1550PST 1600PST	9	40		0	0		0	Tornado (F1)
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Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

CALIFORNIA, Southwest

San Bernardino County

1 N Apple Vly Arpt	18	1610PST 1615PST			0	1	0	0	Thunderstorm Wind (G60)
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A thunderstorm moving slowly from west to east, produced two tornadoes and a wet microburst north of the Apple Valley Airport. The first tornado moved through mostly open country, flattening a few out buildings along its 3.5 mile path. The second formed as the first one dissipated, and continued moving east through Apple Valley, south of Waalew Road. Damage was sporadic as this twister was rather narrow and did not make contact with the ground continuously. Several power poles were blown down, small structures destroyed, and the roof was ripped off of a garage. Arcing power lines set several blazes which were quickly extinguished by fire fighters. A microburst followed, which ripped a 55 foot awning from a mobile home and blew it against a car, pinning, and slightly injuring a young girl.

San Diego County

7 E Borrego Spgs	20	1645PST 1650PST	0.1	25	0	0	0	0	Tornado (F0)
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As temperatures climbed into the nineties, a funnel, pendant from a cumulus congestus, was observed to briefly touch the desert floor.

CALIFORNIA, Upper

NONE REPORTED.

CALIFORNIA, West South Central

Los Angeles County

Lake Hughes	12	1845PST			0	0			Lightning
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Lightning struck an electrical pole in the Lake Hughes area. Nearly 1000 people lost power for about two hours.

Santa Barbara County

Happy Canyon	27	1715PST			0	0			Wild/Forest Fire
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Gusty winds fueled another fire in the Santa Ynez Valley. The fire burned 840 acres in the Happy Canyon area. Authorities reported the fire was started by humans.

CALIFORNIA, Western

NONE REPORTED.

COLORADO, Central and Northeast

Logan County

Proctor	21	1300MST 1600MST			0	0			Thunderstorm Wind (G50)
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Strong thunderstorm winds blew the top off a corn receiving mill south of Proctor during the afternoon. Two of the corn receiving legs were blown down, toppling the top of the mill. The peak wind gust was estimated and the exact time of the incident was unknown.

Arapahoe County

Deer Trail	21	1400MST 1530MST			0	0			Flood
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Heavy rain and small hail associated with a stationary line of thunderstorms developed over eastern Arapahoe County. Several basements were flooded in the town of Deer Trail as well as pastures and fields around town. Some streets and intersections in the downtown area were covered by 18 inches of standing water. A storm spotter located 2 miles northeast of Deer Trail recorded nearly 4 inches of rainfall in less than 2 hours.

Jefferson County

Broomfield	23	1516MST			0	0	0		Hail (0.75)
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Weld County

Tonville	23	1556MST			0	0			Hail (0.75)
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Weld County

10 SE Roggen	23	1625MST 1635MST			0	0			Hail (0.75)
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Boulder County

Broomfield	24	1340MST			0	0			Hail (1.00)
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Weld County

Briggsdale	24	1410MST			0	0			Hail (1.00)
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Boulder County

Boulder	24	1635MST			0	0			Hail (0.75)
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Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Killed	Injured	Estimated Damage	Property	Crops	Character of Storm
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COLORADO, Central and Northeast

Weld County

Grover

24	1830MST					0	0				Flood
25	0130MST										

Large hail and heavy rain damaged beet, corn and wheat crops throughout Weld County during the afternoon and into the evening hours. Spotters 21 and 23 miles north of New Raymer reported hail up to 3 inches deep had blanketed the highways and ditches. Later in the evening, and into the early morning hours of the 25th, the town of Grover received up to 5 inches of rainfall as a series of thunderstorms trained over the area. Several roads east of the town were flooded and impassable. No estimates of the damage were available.

Weld County

21 N New Raymer

24	1910MST					0	0				Hail (1.50)
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Weld County

23 N New Raymer

24	1912MST					0	0				Hail (1.25)
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Boulder County

Broomfield

25	1516MST					0	0				Hail (0.75)
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Weld County

3 E Lochbuie

25	1557MST					0	0				Hail (0.75)
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Weld County

6 SW Prospect

25	1601MST 1602MST	0.1	50			0	0	0			Tornado (F0)
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Weld County

10 E Prospect

25	1630MST					0	0				Hail (0.75)
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Adams County

6 E Watkins

25	1643MST					0	0				Hail (1.75)
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Adams County

6 W Watkins

25	1705MST					0	0				Hail (0.75)
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Morgan County

3 NW Ft Morgan

27	1315MST 1316MST	0.1	50			0	0	0	0		Tornado (F0)
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Weld County

Eaton to

Kersey

27	1515MST					0	0				Hail (1.00)
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Large hail caused \$2.0 million in damage to several car dealerships in Greeley. Spotty crop damage was reported near Eaton, extending along the east side of Greeley to just east of Kersey. Three hundred acres of beets were destroyed.

Weld County

3 E Evans

27	1515MST					0	0				Hail (1.00)
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Weld County

1 E Greeley

27	1515MST					0	0	2M			Hail (1.00)
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COLORADO, East Central

COZ090>092

Yuma County - Kit Carson County - Cheyenne County

02	1000MST 1800MST					0	0				High Wind (G52)
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High winds were reported with gusts to 66 mph north of Arapahoe, 63 mph at Stratton, and 63 mph at Burlington.

Cheyenne County

4 SE Kit Carson

18	1515MST					0	0				Hail (0.75)
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Cheyenne County

9 ESE Kit Carson

18	1520MST					0	0				Hail (0.75)
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Cheyenne County

7 WNW Cheyenne

24	1430MST					0	0				Hail (1.75)
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Wells

Yuma County

5 W Hale Bonny Dam

24	1545MST					0	0				Hail (1.75)
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Arpt

Cheyenne County

8 NW Cheyenne Wells

24	1600MST					0	0				Hail (0.75)
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Yuma County

5 NE Hale Bonny Dam

24	1653MST					0	0				Hail (1.00)
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Arpt

Yuma County

3 NW Joes

27	1537MST					0	0				Hail (1.00)
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Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Estimated Damage	Character of Storm
					Killed	Injured	Property Crops
<u>COLORADO, East Central</u>							
Yuma County							
Joes	27	1553MST			0	0	Hail (0.75)
Kit Carson County							
16 N Vona	27	1600MST			0	0	Hail (1.00)
Kit Carson County							
10 N Flagler	28	1655MST			0	0	Hail (1.00)
Kit Carson County							
Vona	28	1750MST			0	0	Hail (0.75)
<u>COLORADO, South Central and Southeast</u>							
COZ060>061 La Garita Mountains - Eastern San Juan Mountains							
01		0100MST			0	0	Heavy Snow
		1600MST					
A weather disturbance quickly moved across southern Colorado, bringing heavy snow above 9000 feet to the eastern San Juan and La Garita Mountains. Four to eight inches of snow fell across the higher terrain.							
Custer County							
2 NW San Isabel	15	1540MST			0	0	Hail (0.88)
		1545MST					
Baca County							
30 SE Springfield	16	1530MST			0	0	Hail (1.75)
		1535MST					
Prowers County							
Holly	22	1550MST			0	0	Hail (1.00)
		1605MST					
Prowers County							
1 W Bristol to Bristol	28	1547MST			0	0	Hail (1.00)
		1555MST					
Kiowa County							
5 N Sheridan Lake	28	1930MST			0	0	Hail (0.75)
		1935MST					
Kiowa County							
2 W Sheridan Lake	28	1956MST			0	0	Hail (0.75)
		2001MST					
Prowers County							
8 N Granada to 2 NNW Granada	31	1625MST			0	0	Funnel Cloud
		1635MST					
A trained weather spotter saw a funnel cloud moving south toward Granada.							
Prowers County							
4 W Bristol	31	1645MST			0	0	Hail (0.75)
		1650MST					
Prowers County							
Granada	31	1650MST			0	0	Hail (0.75)
		1655MST					
<u>COLORADO, West</u>							
COZ002-004>005-012-015 Central Yampa River Basin/Craig-Hayden And Vicinity - Elkhead And Park Mountains/Flat Tops/White River Plateau - Upper Yampa River Basin/Steamboat Springs And Vicinity - West Elk And Sawatch Mountains/Taylor Park - Leadville And Vicinity							
01		0200MST			0	0	Heavy Snow
02		1200MST					
A cold Pacific trough moved across the area, followed by a moist northwest flow aloft to produce heavy snow mainly over some northern and central mountains of western Colorado. 6 to 12 inches of new snow were common above the 7000 foot level with 4 to 6 inches below the 7000 foot level. 14 to 15 inches of snow fell on the Flat Tops and Park Mountains.							
Archuleta County							
Pagosa Spgs	05	1415MST			0	1	0.30K Dry Microburst
		1420MST					
A microburst wind struck while students were leaving their elementary school. The children and adults were blown to the ground. One adult required stitches. A child grabbed hold of a railing and was extended sideways like a flag. The wind yanked backpacks, jackets, and lunch pails out of the hands of the children, sending the items sailing across the road and onto a hillside. Many adults and children were pelted by windblown debris. Minor property damage was reported.							

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>COLORADO, West</u>									
Archuleta County									
Pagosa Spgs	20	1630MST 1800MST			0	0			Heavy Rain
A weather spotter reported 1.25 inches of rain, most of which fell within an hour. The heavy rain resulted in street flooding and some stalled vehicles. Half-inch diameter hail was also reported.									
Dolores County									
7 NW Dove Creek	22	1200MST			0	0	1K		Lightning
Lightning struck a telephone pole on a county road in Northdale, then traveled through the wires into a nearby house. Many electronic items were damaged, including a microwave oven and a satellite receiver. A picture was also damaged when it was knocked off a wall.									
Mesa County									
12 WSW Grand Jct to Grand Jct	25	1215MST 1300MST			0	0			Hail (0.75)
Hail and strong winds caused minor damage to some gardens and trees. The intense thunderstorm also resulted in the evacuation of baseball fans from Suplizio Field and a delay of the Junior College World Series until the next day.									
COZ004									
Elkhead And Park Mountains/Flat Tops/White River Plateau									
	25	1800MST			0	0			Heavy Snow
	26	0500MST							
A cold upper trough deposited 6 to 12 inches of new snow in most areas, except 16 inches at the top of Steamboat Ski Area.									
<u>CONNECTICUT, Northeast</u>									
Windham County									
North Windham	01	1715EST			0	0			Hail (0.75)
Windham County									
Woodstock	01	1745EST			0	0			Hail (0.75)
Thunderstorms moved in from the southwest during the early evening and one particular thunderstorm cell produced the first significant convective weather event of the season. Dime size hail was reported by the local fire station personnel in North Windham and in Woodstock, near the Thompson line, as reported by the Connecticut State Police. There were no reports of damage.									
Hartford County									
Farmington	06	1408EST			0	0			Hail (0.75)
Hartford County									
West Hartford	06	1419EST			0	0			Hail (0.88)
Hartford County									
New Britain	06	1440EST			0	0			Hail (0.75)
There were several reports of large hail and numerous reports of pea size hail during thunderstorm activity in northern Connecticut. Dime size hail was reported by a spotter in the Unionville section of Farmington. Nickel size hail fell in West Hartford as reported by a spotter there. Amateur radio reports indicated that dime size hail also fell in New Britain. There were no reports of damage.									
<u>CONNECTICUT, Northwest</u>									
Litchfield County									
New Preston	19	2200EST			0	0	2K		Thunderstorm Wind
During the late evening hours of May 19, an isolated severe thunderstorm downed several trees at New Preston in Litchfield County.									
<u>CONNECTICUT, Southern</u>									
New Haven County									
Hamden to North Branford	01	1645EST 1650EST			0	0			Tstm Wind/Hail
New London County									
Colchester	01	1720EST			0	0			Hail (1.75)
A line of scattered severe thunderstorms developed ahead of a cold front extending from New England south across the Carolinas.									
Thunderstorms produced 58 mph wind gusts in Hamden and 1 inch diameter hail in North Branford. They also produced 1.75 inch diameter hail that dented cars in Colchester.									
Lightning struck a house at 730 pm in Lyme of New London County. The extent of damage was unknown.									
Fairfield County									
Norwalk to Greenwich	06	1302EST			0	0			Thunderstorm Wind (G58)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

CONNECTICUT, Southern

Fairfield County Stratford	06	1340EST			0	0			Funnel Cloud
Fairfield County Easton	06	1343EST			0	0			Thunderstorm Wind (G50)
New Haven County Milford	06	1405EST			0	0			Thunderstorm Wind (G50)
New Haven County North Branford	06	1413EST			0	0			Thunderstorm Wind (G50)

A line of severe thunderstorms (squall line) raced across the area early Tuesday afternoon. It produced high winds that caused scattered damage in several locations.

High winds downed several trees and power lines, especially across Southern Fairfield County. Funnel clouds were also sighted in Southern Fairfield County. However, the damage was caused by straight line winds along the leading edge of the squall line.

Here is an example of the damage thunderstorms caused at a house in Greenwich: two large trees were uprooted in the yard, shingles were blown off the house, the tops of 10 to 15 pine trees snapped off and areas of grass were flattened.

DELAWARE

New Castle County Newark	01	1655EST			0	0			Hail (0.75)
Sussex County Hollyville	06	1325EST			0	0	0	0	Funnel Cloud
A funnel cloud was sighted near Hollyville at the intersection of Delaware State Route 5 and Sussex County Route 47. It apparently did not touch down as no damage was reported.									
Sussex County Nassau	06	1330EST			0	0		0	Thunderstorm Wind
A severe thunderstorm knocked over several billboards in the southern part of Sussex County.									
New Castle County Countywide	25	0700EST 2100EST			0	0			Heavy Rain
Kent County Countywide	25 26	1300EST 0300EST			0	0			Heavy Rain
Sussex County Countywide	25 26	1500EST 0600EST			0	0			Heavy Rain

A series of low pressure systems traveling west to east along a nearly stationary frontal boundary produced some locally heavy rain across the Delmarva Peninsula from the daylight hours on the 25th through the early morning of the 26th. Bands of heavier rain affected northern parts of the peninsula mainly on the 25th and southern parts of the peninsula during the late evening on the 25th and the early morning on the 26th. Storm totals averaged 1 to 2 inches, with some locally higher amounts in Kent County. Representative totals included 3.68 inches at the Dover AFB, 3.5 inches in Camden, 1.90 inches in Bridgeville, 1.3 inches in Georgetown and 1.00 inch in Pennyhill.

DEZ001>003 New Castle - Kent - Inland Sussex	31	2359EST			0	0			Unseasonably Cool
May 1997 was an unseasonably cool month. For most locations, it was the coolest May since 1967 with monthly departures that averaged 3 to 4 degrees below normal. At the New Castle County Airport, the monthly mean temperature of 58.6 degrees was 3.9 degrees below normal and the 6th coolest May of this century.									

DISTRICT OF COLUMBIA

District Of Columbia Upper Northwest	25	2100EST 2259EST			0	0			Flash Flood
Tropical moisture, feeding along a south moving cold front, produced training thunderstorms over portions of the Washington metropolitan region during the late evening of the 25th. In general, between 3 and 4 inches of rain fell throughout the event, with at least 2 inches falling just prior to frontal passage around midnight. One spotter in upper Northwest reported just over 4 inches of rain prior to midnight. The rapid accumulation of water brought Rock Creek well out of its banks, with Beach Drive closed through late morning on the 26th.									

FLORIDA, East Central

Osceola County Kissimmee	03	1350EST			0	0			Thunderstorm Wind
Thunderstorm winds damaged roofs on 10 homes and destroyed a porch screen room.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
FLORIDA, East Central									
Okeechobee County									
Okeechobee	03	1412EST			0	0			Thunderstorm Wind Thunderstorm winds uprooted trees and damaged a motor home.
Martin County									
Salerno	03	1420EST			0	0			Hail (0.75) Dime size hail fell in Port Salerno.
Orange County									
Apopka	20	1244EST			0	0			Thunderstorm Wind Thunderstorm winds blew down power lines in Apopka.
Orange County									
Orlando	20	1353EST			0	0			Tstm Wind/Hail Thunderstorms produced a wind gust to 70 mph and one inch hail at Orlando International Airport. A Boeing 747 aircraft was pivoted on the ground and a large hanger door was damaged.
Volusia County									
Daytona Beach	25	1845EST			0	0			Thunderstorm Wind Thunderstorm winds blew down trees and power lines in Daytona Beach.
Martin County									
Hobe Sound	26	1620EST			0	0			Thunderstorm Wind Thunderstorm winds blew down trees and power lines and produced one inch hail in Hobe Sound. Falling trees damaged one home and hail cracked car windshields.
Seminole County									
Sanford	27	1730EST			0	0			Thunderstorm Wind Thunderstorm winds blew down large signs and damaged a railroad crossing gate.
Volusia County									
De Bary	27	1730EST			0	0			Thunderstorm Wind Thunderstorm winds blew down trees and power lines in De Bary and Deltona.
Seminole County									
Sanford	27	1745EST			0	0			Thunderstorm Wind Thunderstorm winds blew down a few trees in Sanford.
Orange County									
Orlando	27	1830EST			0	0			Hail (1.75) Golf ball size hail was reported in Orlando.
Osceola County									
Kissimmee	27	1910EST			0	0			Hail (1.75) Golf ball size hail was reported in Kissimmee.
Brevard County									
Cape Canaveral	27	1935EST			0	0			Thunderstorm Wind (G56) Thunderstorm winds produced a wind gust to 64 mph at Cape Canaveral.
Brevard County									
Melbourne	27	1945EST			0	0			Hail (0.75) Dime size hail fell in Melbourne.
Volusia County									
Daytona Beach Shrs	30	1130EST			1	0			Rip Currents Numerous strong rip currents occurred along the coast of Volusia County. Beach safety personnel reported 140 people were rescued from the water on May 30 and 31. A 36 year old man drowned in a rip current on the 30th when he attempted to assist his wife who was in the rip current. M36IW
Lake County									
Clermont	31	1420EST			0	0			Funnel Cloud
Volusia County									
Port Orange	31	1500EST			0	0			Hail (0.75) Dime size hail fell in Port Orange.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>FLORIDA, East Central</u>									
Volusia County									
Daytona Beach Shrs	31	1525EST			0	0			Funnel Cloud
Brevard County									
Melbourne	31	1630EST			0	0			Thunderstorm Wind
			Thunderstorm winds blew down trees and damaged the roof of a house.						
St. Lucie County									
Ft Pierce	31	1801EST			0	0			Hail (1.00)
			One inch diameter hail fell in Ft. Pierce						
St. Lucie County									
Ft Pierce	31	1830EST			0	0			Hail (1.00)
			One inch diameter hail fell in Ft. Pierce.						
<u>FLORIDA, Northeastern</u>									
Nassau County									
Callahan	03	1350EST			0	0			Hail (0.75)
Duval County									
Jacksonville	03	1400EST			0	0	0.50K		Thunderstorm Wind
			Large trees and power lines were blown down across New Berlin Road.						
Duval County									
Jacksonville	03	1420EST			0	0			Thunderstorm Wind (G60)
			Skywarn spotter reported						
Baker County									
Macclenny	24	1730EST			0	0	8K		Thunderstorm Wind
			A portion of a farm supply business was destroyed.						
St. Johns County									
Ponte Vedra	25	1600EST			0	0	2K		Thunderstorm Wind
			Large trees were blown down in Sawgrass.						
Flagler County									
2 E Flagler Beach to 2.1 E Flagler Beach	25	1808EST			0	0			Waterspout
St. Johns County									
6 E Hastings to 8 E Hastings	27	1530EST			0	0			Hail (1.00)
Putnam County									
Palatka	27	1530EST			0	0	2K		Thunderstorm Wind
			Large trees were blown down on the westside.						
Clay County									
Orange Park	27	1530EST			0	0	2.5K		Thunderstorm Wind
			Numerous reports of large trees and power lines blown down.						
Flagler County									
10 N Beverly Beach	27	1550EST			0	0			Hail (1.00)
Hamilton County									
Jennings	27	1610EST			0	0	4K		Thunderstorm Wind
			Numerous reports of large trees blown down. A mobile home was damaged.						
Marion County									
Lynne	27	1620EST			0	0	1K		Thunderstorm Wind
			Large trees were blown down along SR-40 in the Ocala National Forest.						
Nassau County									
2 S Callahan	27	1620EST			0	0	0.50K		Thunderstorm Wind
			Large trees were blown down.						
Suwannee County									
Dowling Park	27	1630EST			0	0	0.50K		Thunderstorm Wind
			Large trees and power lines were blown down.						
Alachua County									
Gainesville	27	1630EST			0	0	75K		Thunderstorm Wind
			Trees and power lines were blown down along University Blvd.						
Marion County									
Moss Bluff	27	1630EST			0	0			Hail (0.75)
Duval County									
Jacksonville to Jacksonville Nas	27	1635EST 1642EST			0	0	2M		Thunderstorm Wind (G94)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>FLORIDA, Northeastern</u>									
Downburst over Downtown Jacksonville spread South along the St. Johns River to NAS Jacksonville. Scores of large trees and power lines toppled onto houses and cars. Power outages occurred in Riverside, Avondale, Ortega, San Jose, and Mandrin. Portions of I-10 East was closed temporary between Cassat Avenue and I-95. A wind gust of 94kts(106mph) was recorded at NAS Jacksonville were a parked patrol aircraft was blown into a hanger and a small private plane was flipped over.									
Clay County									
Doctors Inlet	27	1650EST			0	0	2K		Thunderstorm Wind
	Numerous large trees and power lines were blown down.								
St. Johns County									
Sampson	27	1800EST			0	0	1K		Thunderstorm Wind
	Large trees were blown across US-1.								
Columbia County									
Lake City	27	1805EST			0	0	0.50K		Thunderstorm Wind
	Large trees were blown onto several homes.								
Nassau County									
Yulee	31	1530EST			0	0	1.5K		Thunderstorm Wind
	Large trees and power lines were blown down.								
<u>FLORIDA, Northwest</u>									
Jackson County									
Marianna Muni Arpt	03	0927CST			0	0			Thunderstorm Wind (G50)
Jackson County									
Greenwood	03	0930CST			0	0			Thunderstorm Wind
	A severe thunderstorm produced high winds and minor damage across Jackson Co.								
Gadsden County									
Chattahoochee	03	1100EST			0	0	7K		Thunderstorm Wind
	A large oak tree limb was blown onto a home by high winds.								
Holmes County									
5 NW Bonifay	15	1422CST			0	0			Hail (1.75)
Holmes County									
3 E Noma	15	1430CST			0	0			Thunderstorm Wind
	The sheriffs office reported golf ball sized hail and trees blown down.								
Jackson County									
5 E Marianna	15	1435CST			0	0			Thunderstorm Wind
	Sheriffs office reported numerous trees blown down.								
Gadsden County									
Havana	15	1700EST			0	0			Hail (0.75)
	Sheriffs office reported hail.								
Leon County									
Tallahassee	15	1717EST			0	0			Hail (0.75)
Leon County									
2 N Chaires	15	1720EST			0	0			Hail (1.00)
	Hail fell across parts of Leon County.								
Jefferson County									
Drifton	15	1750EST			0	0			Thunderstorm Wind
	Trees were blown down according to the sheriffs office.								
Leon County									
5 NE Bloxham	21	1515EST			0	0			Thunderstorm Wind
	A tornado was reported by public but was not sighted. NWS survey determined damage to be caused by microburst.								
Jackson County									
Alford	24	1306CST			0	0			Thunderstorm Wind
	Wind knocked down part of a fence and blew down two medium-sized pine trees according to a newspaper reports.								
Madison County									
4 N Madison	27	1600EST			0	0			Thunderstorm Wind
	Approximately 25 trees were blown down on roadways. About 400 homes were reported to be without power.								
Lafayette County									
2 N Mayo	27	1630EST			0	0			Thunderstorm Wind
	Sheriffs office reported trees down along highway 51.								

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
FLORIDA, Southern									
Glades County									
Buckhead Ridge	03	1430EST 1500EST	1.5	50	0	2	25K		Tornado (F0)
Dade County									
9300 Fountain Blue	04	1520EST 1530EST	0.1	20	0	0			Tornado (F0)
									outdoor furniture tossed about.
Dade County									
Sw 25Th Ave/24Th St to Collins Ave/41St St	12	1253EST 1308EST	8	150	0	12	525K		Tornado (F1)
Dade County									
2-3E Bal Harbour	17	0540EST 0545EST			0	0			Waterspout
									metro-dade police reported.
Monroe County									
5N Of Duck Key	17	1415EST 1425EST			0	0			Waterspout
									pilot reported.
Palm Beach County									
Sr 80	19	1102EST 1115EST			0	0			Funnel Cloud
									3 funnel clouds spotted near 20 mile bend of sr 80 by sfwmd.
Palm Beach County									
Near Loxahatchee	20	1445EST 1500EST			0	0			Funnel Cloud
									observed by public between loxahatchee and wellington.
Broward County									
20Wnw Fll	20	1545EST 1600EST			0	0			Funnel Cloud
									observed by fll tower.
Monroe County									
Just S Summerland Ky	22	1810EST 1820EST			0	0			Waterspout
									public reported.
Monroe County									
Mm58.5 Grassy Key to Mm58.5	22	2035EST 2036EST	0.3	25	0	0	150K		Tornado (F1)
Monroe County									
3Nm S Mm 84.5 to Islamorada	23	1300EST 1310EST			0	0			Waterspout
									monroe county sheriff reported one waterspout formed/dissipated then two more formed.
Monroe County									
4Nm Sw Cape Sable	23	1430EST 1445EST			0	0			Waterspout
									reported by ocean tug.
Monroe County									
~10Nm Sw Evrglds Cty to Sw Everglades City	23	1500EST 1510EST			0	0			Waterspout
									pilot reported.
Monroe County									
Just Nw Eyw	23	1800EST 1815EST			0	0			Waterspout
									observed by eyw tower.
Palm Beach County									
Tequesta	26	1630EST			0	0			Hail (1.50)
									hail size ranged from .75 to 1.50 inches. reported by channel 25 west palm beach.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>FLORIDA, Southern</u>									
Palm Beach County Indiantown/Central to Near Jupiter	26	1636EST			0	0			Hail (1.00)
									reported by storm spotter.
Palm Beach County 55Th Rd/P.B. Blvd to Royal Palm Beach	26	1730EST			0	0			Lightning
									48 year old male injured.
Dade County Kendall Dr/Galloway	28	0051EST			0	0			Hail (0.75)
									reported by nws employee.
Dade County Over Biscayne Bay	28	1155EST 1200EST			0	0			Waterspout
Dade County 7 NW Opalocka	28	1645EST 1700EST	0.5	25	0	0			Tornado (F0)
									citizens reported tornado over sawgrass area west of i75 near florida turnpike. numerous reports of funnel clouds. no damage reported.
Dade County Doral Country Club	28	1653EST			0	0			Thunderstorm Wind (G52)
Dade County Mia Int Arpt	28	1653EST			0	0			Thunderstorm Wind (G48)
Monroe County N End Big Pine Key to Big Pine Key	28	2027EST 2040EST			0	0	1K		Thunderstorm Wind (G55)
									nws employee reported several small trees down. one tree 18 inches in diameter and 35 feet tall fell and smashed a fence.
Broward County Cypress Creek/I95 to W Of Pmp	31	1605EST 1620EST			0	0			Funnel Cloud
									two reports.
Broward County 1 W Fill	31	1630EST 1635EST	0.1	25	0	0			Tornado (F0)
									tornado with two brief touchdowns. several trees down.
Palm Beach County 3550 S Ocean Ave to Near Beach	31	1658EST 1715EST			0	0			Waterspout
									6 waterspouts reported by palm beach e.o.c.
<u>FLORIDA, West Central</u>									
Polk County 4.5 ESE Polk City	03	1315EST			0	0	10K	0	Thunderstorm Wind
									Thunderstorm winds ripped off the roof of a mobile home on Sonora Road near State Road 557-A.
Polk County Auburndale	22	1635EST			0	0	0	0	Hail (1.75)
									A Skywarn Spotter reported golfball sized hail on Old Polk City Road.
Polk County Lakeland	22	1638EST 1649EST			0	0	100K	0	Hail (2.00)
									Hail, slightly larger than golf balls, caused over one-hundred thousand dollars worth of damage to the roofs of homes and the surfaces of vehicles in Lakeland.
Polk County Polk City	22	1640EST			0	0	12K	0	Thunderstorm Wind
									Thunderstorm winds damaged the roofs of a couple of homes in Polk City.
Polk County 2 W Lakeland to 2 E Lakeland	22	1650EST 1705EST			0	0	60K	0	Thunderstorm Wind
									Thunderstorm winds overturned a mobile home on Alderman Road, damaged mobile homes at the Hampton Mobile Home Park

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
FLORIDA, West Central									
and downed several trees along U.S. Highway 92.									
Polk County Winter Haven	22	1700EST			0	0	15K	0	Thunderstorm Wind
Thunderstorm winds caused roof damage to a few homes in Winter Haven.									
Highlands County 12 ESE Sebring	22	1713EST			0	0	0	0	Hail (1.00)
One inch hail was reported along U.S. Highway 98 in Lorida.									
Polk County Bartow	22	1720EST 1740EST			0	0	250K	0	Thunderstorm Wind
Thunderstorm winds overturned a few mobile homes and damaged the roofs of twelve others in Bartow. Four of the mobile homes were destroyed. Scattered trees and power lines were also downed in the vicinity of Bartow.									
Highlands County 12 ESE Sebring	22	1730EST			0	0	10K	0	Thunderstorm Wind
Thunderstorm winds blew off the roof of a mobile home along U.S. Highway 92 in Lorida.									
Polk County 4.5 E Bartow to 5.3 E Bartow	22	1737EST 1740EST	0.8	5	0	0	25K	0	Tornado (F0)
A weak tornado touched down briefly along a path less than a mile long near State Road 60. Damage was confined to sheet metal on a few mobile homes and downed trees.									
Polk County 4.5 NE Bartow	22	1750EST 1800EST			0	0	0	0	Hail (0.88)
Nickel sized hail that lasted for ten minutes was reported at and around the Bartow Municipal Airport.									
Charlotte County Punta Gorda	22	2030EST 2040EST			0	0	5K	0	Thunderstorm Wind
Thunderstorm winds downed a few trees and damaged a roof in Punta Gorda									
Lee County 11 SSE Ft Myers	23	1400EST			0	0	1K	0	Lightning
Lightning ignited a brush fire along Interstate 75 and Alico Road. The combination of fog and dense smoke from the fire reduced visibility to near zero which caused officials to close the interstate for a few minutes.									
Hillsborough County 12 NE Tampa	23	1635EST			0	0	0	0	Hail (1.75)
Quarter to golfball sized hail was reported by Skywarn Spotters in Thonotosassa.									
Hillsborough County 12 NE Tampa	23	1638EST			0	0	20K	0	Thunderstorm Wind
Thunderstorm winds downed several trees and powerlines in Thonotosassa. One downed tree caused major damage to a restaurant in Thonotosassa.									
Hillsborough County 9 SE Tampa	23	1706EST			0	0	0	0	Hail (0.75)
Skywarn Spotters reported dime sized hail.									
Polk County 1 W Winter Haven	27	1745EST			0	0	0	0	Hail (1.00)
Quarter sized hail was reported in the Cypress Landings subdivision.									
Polk County 1 W Winter Haven	27	1745EST			0	0	1K	0	Thunderstorm Wind (G52)
Thunderstorm wind gusts of 60 mph were reported by a Skywarn Spotter at the Cypress Landings subdivision.									
Polk County Davenport	28	1330EST			0	0	5K	0	Thunderstorm Wind
Thunderstorm winds damaged the roof of a mobile home on 4th Street in Davenport.									
Polk County Haines City	28	1335EST			0	0	5K	0	Thunderstorm Wind
Thunderstorm winds downed several power poles and lines in the Lake Hamilton area.									
Polk County Winter Haven	28	1343EST			0	0	10K	0	Thunderstorm Wind
Thunderstorm winds downed several power lines and traffic signs along U.S. Highway 27 and Thompson Nursey Road.									
Polk County Dundee	28	1344EST			0	0	20K	0	Thunderstorm Wind
Thunderstorm winds downed a large tree atop a home in Dundee. The roof of the home sustained minor to moderate damage. Two mobile homes sustained major roof damage from thunderstorm winds at the Royal Oak mobile home park.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
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FLORIDA, West Central

Hillsborough County

Tampa	28	1346EST			0	0	5K	0	Tstm Wind (G45)
Thunderstorm winds estimated at 50 mph blew down a scaffolding at the construction site of the new Tampa stadium. A couple of wind toppled trees damaged the roof and carport of a residence at the corner of Florida Avenue and Elm Street.									

Polk County

Waverly	28	1355EST			0	0	1K	0	Thunderstorm Wind
Thunderstorm wind downed two power poles on Waverly Road in Waverly.									

Polk County

3 N Lake Wales	28	1400EST			0	0	0	0	Hail (0.75)
Dime sized hail was reported by a Skywarn Spotter along U.S. Highway 27.									

Polk County

8 NW Lake Wales	28	1403EST			0	0	1K	0	Thunderstorm Wind (G56)
A Skywarn Spotter measured a wind gust of 64 mph and reported trees and power lines downed near Cypress Gardens.									

Polk County

Lake Wales	28	1406EST	0.1	5	0	0	5K	0	Tornado (F0)
A short-lived tornado touched down and shredded a 14-by-42 foot aluminum and screen enclosure of a home along U.S. Highway 27. The enclosure was tossed over the home and the remains scattered over an area 150 yards downstream from the damage site.									

Manatee County

1 N Bradenton to 7 NE Bradenton	28	1535EST 1542EST			0	0	0	0	Hail (0.75)
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Quarter to dime sized hail was reported from Palmetto to Ellenton to Parrish along U.S. Highway 301.

Manatee County

Bradenton Beach	28	1557EST			0	0	0	0	Waterspout
A waterspout formed and quickly dissipated offshore of Bradenton Beach.									

Pinellas County

Indian Rocks Beach	28	1614EST			0	0	0	0	Waterspout
A waterspout formed and quickly dissipated offshore of Indian Rocks Beach.									

Sarasota County

Sarasota	28	1615EST			0	0	1K	0	Hail (0.75)
Dime sized hail was reported near the intersection of Bee Ridge road and Swift Road.									

Sarasota County

North Port	28	1630EST			0	0	1K	0	Thunderstorm Wind
Thunderstorm wind toppled two large trees on top of a house which caused major damage to the roof of the home. A second home received minor to moderate roof damage from large branches downed by thunderstorm winds.									

De Soto County

Arcadia	31	1320EST			0	0	1K	0	Tstm Wind (G45)
Thunderstorm wind toppled a large tree and a few power lines in the Hidden Acres subdivision.									

Polk County

Haines City	31	1420EST			0	0	2K	0	Thunderstorm Wind
Thunderstorm wind displaced four recreational vehicles three to four feet into their fixed propane tanks and destroyed one carport.									

FLORIDA, West Panhandle

Escambia County

Molino	15	1520CST 1521CST			0	0			Hail (0.75)
Dime size hail was reported around Molino.									

Okaloosa County

Mary Esther	15	1615CST			0	1			Lightning
Lightning struck near a garden center, injuring a customer at a department store in Mary Esther. The male was taken to a local hospital and kept overnight for observation. He was released the next day.									

Okaloosa County

Laurel Hill	24	2310CST			0	0	10K		Lightning
Lightning struck a house near Laurel Hill and caused the house to catch on fire, causing major damage.									

GEORGIA, East Central

Mdcaffie County

5 N Thomson	03	1042EST 1049EST			0	0			Hail (1.25)
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EPD Director reports hail damage in north end of county. Several home owners reported roofs and vehicles damaged from the hail storm. No damage estimates were given.

Richmond County

Augusta	03	1120EST			0	0			Thunderstorm Wind (G50)
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Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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GEORGIA, East Central

A severe thunderstorm downed a few trees and powerlines.

GEORGIA, Lower

Atkinson County

Pearson	03	1331EST			0	0	0.50K		Thunderstorm Wind
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Large trees and limbs blocked King Street.

Coffee County

Douglas	03	1358EST			0	0	0.60K		Thunderstorm Wind
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Large trees blocked US-441.

Clinch County

Homerville	03	1418EST			0	0	0.60K		Thunderstorm Wind
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Several large trees were blown down.

Echols County

Tarver	03	1505EST			0	0			Hail (0.75)
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Camden County

St Marys	03	1530EST			0	0			Hail (0.88)
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Clinch County

Homerville	15	1758EST			0	0	0.50K		Thunderstorm Wind
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Large tree and power lines were blown down.

Ware County

Wareboro	24	1646EST			0	0	2.5K		Thunderstorm Wind
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Numerous reports of large trees blown down. A carport was damaged.

Jeff Davis County

Snipesville	27	1210EST			0	0			Hail (1.00)
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Jeff Davis County

Denton	27	1245EST			0	0			Hail (1.00)
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Coffee County

West Green	27	1300EST			0	0	2K		Tstm Wind/Hail
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Large trees were blown down across US-221.

Coffee County

Nicholls	27	1310EST			0	0	0.50K		Thunderstorm Wind
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Large trees and power lines were blown down.

Bacon County

1 N Alma	27	1320EST			0	0			Hail (0.88)
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Ware County

2 W Waycross	27	1345EST			0	0	1.5K		Thunderstorm Wind
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Large trees and power lines were blown down along SR-82.

Ware County

Dixie Union	27	1350EST			0	0	2K		Thunderstorm Wind
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Large trees were blown across US-23.

Pierce County

Blackshear	27	1355EST			0	0			Hail (1.00)
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Pierce County

Blackshear	27	1420EST			0	0			Hail (1.00)
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Clinch County

2 S Homerville	27	1450EST			0	0	0.50K		Thunderstorm Wind
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Large trees blocked US-441.

GEORGIA, North and Central

Dade County

Trenton	02	1840EST			0	0	2.5K		Thunderstorm Wind
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Thunderstorm winds knocked down trees throughout the county. Power outages were also reported as several power lines snapped as limbs fell on them.

Walker County

6 SW Chickamauga to Chickamauga	02	1840EST 1850EST	10	100	1	3	100K		Tornado (F1)
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The tornado touched down just southwest of Chickamauga in the Ridgecrest Acre mobile home park. Touchdown was noted to be at the intersection of Georgia Highway 136 and 193. Three mobile homes were completely destroyed, and a total of 28 homes/mobile homes had damage varying from moderate to being totally destroyed. Homes were moved off their foundations and numerous trees were either snapped or uprooted.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
F9MH									
Walker County									
Rossville	02	1850EST			0	0			Hail (0.75)
Walker County									
Flintstone	02	1859EST			0	0			Hail (1.00)
Catoosa County									
Ft Oglethorpe	02	1910EST			0	0			Hail (0.75)
Chattooga County									
Summerville	02	1925EST			0	0			Hail (1.00)
Whitfield County									
10 NE Dalton	02	1930EST			0	0	2K		Thunderstorm Wind
Several trees were knocked down by thunderstorm winds near Houston Valley Road in Rocky Face.									
Gordon County									
Sugar Valley	02	2000EST			0	0			Hail (1.00)
Whitfield County									
Dalton	02	2005EST			0	0			Hail (0.75)
Murray County									
8 S Chatsworth	02	2012EST			0	0			Hail (1.00)
Chattooga County									
Summerville	02	2100EST			0	0			Hail (0.75)
Whitfield County									
Dalton	02	2115EST			0	0	10K		Thunderstorm Wind
Thunderstorm winds completely destroyed a two story apartment complex under construction.									
Gordon County									
Calhoun	02	2140EST			0	0			Hail (0.75)
Gilmer County									
Ellijay	02	2155EST			0	0			Hail (0.75)
Gilmer County									
Ellijay	02	2155EST			0	0	3K		Thunderstorm Wind
Several trees were knocked down and power lines were snapped in Ellijay.									
Gilmer County									
Ellijay to Talking Rock	02	2210EST 2215EST			0	0			Hail (1.00)
Dime to quarter sized hail fell between Ellijay and Talking Rock.									
Lumpkin County									
Dahlonega	02	2255EST			0	0			Hail (0.75)
Chattooga County									
Summerville	03	0100EST 0300EST			0	0	3K		Flash Flood
Gilmer County									
Ellijay	03	0100EST 0300EST			0	0	4K		Flash Flood
Gordon County									
Sugar Vly to Fairmount	03	0100EST 0300EST			0	0	200K		Flash Flood
Murray County									
Ramhurst to Chatsworth	03	0100EST 0300EST			0	0	25K		Flash Flood
Whitfield County									
Dalton	03	0100EST 0300EST			0	0	5K		Flash Flood
A slow moving line of storms crossed into northwest Georgia from Alabama and moved southeast across the Peach State. These storms produced more than 5 inches of rain in a less than twelve hour period late Friday night and early Saturday morning. Numerous roads had to be closed due to water covering them. In Gordon county, more than 200 thousand dollars in damage to roads were reported. Several roads were closed and four apartments flooded throughout Summerville in Chattooga county. Whitfield county reported that water covered Red Wine Cove Road, south of Dalton. Several areas of the county reported flooding during the early morning hours. Gilmer and Murray counties also reported flooding of several roadways.									
Floyd County									
10 N Rome to 8 N Rome	03	0115EST 0125EST			0	0			Hail (1.25)
Dime to half dollar sized hail was reported between 10 and 8 miles north of Rome.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, North and Central									
Gordon County Calhoun	03	0130EST			0	0			Hail (0.75)
Polk County 4 W Rockmart	03	0145EST			0	0	2K		Thunderstorm Wind A couple of large trees were downed by thunderstorm winds, and several power lines were snapped in the Fish Creek area.
Floyd County Rome	03	0150EST			0	0			Hail (1.00)
Floyd County 5 E Rome	03	0155EST			0	0	3K		Thunderstorm Wind Several trees were downed.
Bartow County 10 NW Cartersville to Cartersville	03	0155EST 0205EST			0	0			Hail (1.00) Dime to quarter size hail was reported in the area.
Dawson County Dawsonville	03	0224EST			0	0			Hail (0.75)
Cherokee County Ball Ground	03	0225EST			0	0			Hail (0.75)
Rockdale County 2 S Conyers	03	0700EST			0	0			Hail (1.00)
Henry County 2 S Luella	03	0715EST 0730EST			0	0			Hail (1.75)
Coweta County Newnan to Sharpsburg	03	0720EST 0745EST			0	0	1K		Thunderstorm Wind Trees were downed in the southern area of Newnan, and several trees were knocked down by thunderstorm winds in a subdivision off Fisher Road in Sharpsburg as well.
Meriwether County Manchester	03	0725EST 0740EST			0	0	2.5K		Thunderstorm Wind Several trees were knocked down by thunderstorm winds. Falling trees caused structural damage to a couple of homes, as well as a fence and sidewalk. In another incident a man narrowly escaped injury when a tree fell on his car as he travelled east on Foster Street.
Troup County La Grange	03	0740EST			0	0	1.5K		Thunderstorm Wind Thunderstorm winds knocked down trees and tree limbs. Several tree limbs were downed onto power lines resulting in widespread power outages.
Fayette County Peachtree City to Fayetteville	03	0800EST 0805EST			0	0	2K		Thunderstorm Wind A 75 foot high, 12 inch in diameter tree was knocked down in Peachtree City. A tree was also downed in Fayetteville on Wagon Wheel Road.
Spalding County Griffin	03	0800EST			0	0	3.5K		Thunderstorm Wind Several tree limbs were knocked down on power lines, and numerous power outages were reported.
Newton County Covington	03	0820EST			0	0			Hail (0.75)
Harris County Whitesville to Cataula	03	0900EST			0	0	1K		Thunderstorm Wind Several trees were knocked down by thunderstorm winds; power lines were snapped as well.
Talbot County 10 NW Woodland	03	0901EST			0	0	1K		Thunderstorm Wind Several trees were downed by thunderstorm winds.
Crawford County Roberta to Knoxville	03	0920EST 0930EST			0	0	3.5K		Thunderstorm Wind Several trees were knocked down across the area. Fallen tree limbs caused power lines to snap. Much of the county was without power for more than 7 hours.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
GEORGIA, North and Central									
Jasper County Monticello	03	0930EST			0	0	1K		Thunderstorm Wind
			Numerous tree limbs were down in Monticello.						
Monroe County Russellville to Forsyth	03	0940EST			0	0	2K		Thunderstorm Wind
			Several trees were downed across the area between Russellville and Forsyth.						
Jones County 16 SW Milledgeville	03	0945EST			0	0	5K		Thunderstorm Wind
			A trailer was moved off of its foundation. Several to numerous trees were also downed across the area.						
Peach County Byron	03	0950EST 1005EST			0	0			Hail (0.90)
			Dime to nickel sized hail reported.						
Bibb County 5 S Macon	03	0952EST 0957EST			0	0	3K		Tstm Wind/Hail
			Several trees were knocked down and nickel to dime sized hail reported.						
Bibb County Macon	03	0955EST			0	0			Hail (0.90)
Marion County Buena Vista	03	0955EST			0	0	4K		Thunderstorm Wind
			Several power lines were snapped by fallen tree limbs.						
Houston County 18 S Macon to Warner Robins	03	0958EST 1000EST			0	0			Hail (1.00)
			Nickel to quarter sized hail was reported between Warner Robbins and the Bibb/Houston Counties line.						
Houston County Centerville to 2 N Centerville	03	1000EST 1015EST			0	0			Hail (0.90)
			Dime to nickel sized hail reported.						
Peach County Byron to Fort Valley	03	1005EST			0	0	4K		Thunderstorm Wind (G90)
			Several trees knocked down by thunderstorm winds.						
Macon County Montezuma to 4 E Montezuma	03	1015EST 1030EST			0	0	2K		Thunderstorm Wind
			Several trees down across the area from Montezuma to 4 miles east of Montezuma. At least 8 to 10 trees were down within the city limits. A large tree had fallen on power lines 4 miles east of Montezuma.						
Washington County 1 N Sandersville	03	1042EST			0	0			Hail (0.90)
Laurens County Dublin	03	1105EST			0	0	16K		Thunderstorm Wind
			Several trees were knocked down by thunderstorm winds. At least two homes sustained structural damage when tree limbs fell upon them.						
Troup County Hogansville	09	1406EST			0	0	1.5K		Tstm Wind/Hail
			Numerous trees were knocked down and power lines snapped throughout the Hogansville area. Dime size hail was also reported.						
Meriwether County Lone Oak to Luthersville	09	1428EST			0	0	1K		Thunderstorm Wind
			Numerous trees were downed between Lone Oak and Luthersville by thunderstorm winds.						
Troup County La Grange	09	1440EST			0	0			Hail (0.75)
Pike County Zebulon	09	1500EST			0	0	1K		Thunderstorm Wind
			Several trees were downed.						
Lamar County Barnesville	09	1510EST 1512EST			0	0			Hail (1.00)
			Nickel to quarter sized hail reported.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
GEORGIA, North and Central									
Upson County Thomaston	09	1523EST 1536EST			0	0			Hail (0.75)
Jones County Gray	09	1548EST			0	0			Hail (0.75)
Jones County Gray	09	1548EST			0	0	1K		Thunderstorm Wind
Several trees down along Georgia Highway 29 north.									
Monroe County 2 SE Bolingbroke	09	1550EST			0	0			Hail (0.75)
Dime sized hail covered the ground near the Monroe/ Bibb county line.									
Bibb County 16 N Macon	09	1550EST			0	0	1K		Thunderstorm Wind
Several large trees were downed near the Monroe/Bibb County line.									
Bibb County Macon	09	1604EST 1615EST			0	0	2K		Thunderstorm Wind
Trees were downed in six different locations across Bibb County.									
Twiggs County Dry Branch	09	1615EST			0	0			Hail (1.00)
Dime to quarter sized hail reported.									
Wilkinson County Irwinton	09	1640EST			0	0	6K		Thunderstorm Wind
Several trees were downed by thunderstorm winds. Trees were reportedly on mobile homes, and power lines near Georgia highway 18.									
Wilkinson County Irwinton	09	1640EST			0	0			Hail (0.75)
Laurens County Dublin	09	1653EST			0	0	2K		Thunderstorm Wind
Trees were downed on power lines.									
Dodge County Chauncey	15	1450EST			0	0			Hail (0.75)
Cherokee County Hickory Flat	19	1930EST			0	0	60K		Lightning
The owner of the house reported seeing smoke and then fire in an electrical outlet shortly after an electrical storm passed through the area. The fire spread through the living room and garage. Extensive damage was caused by a delayed explosion which firefighters believed was the result of mixing magnesium (common in motors of lawn mowers) and water.									
Pulaski County Hawkinsville	24	2020EST 2025EST			0	0			Hail (0.90)
Clayton County Jonesboro	27	0800EST			0	0	20K		Lightning
Lightning started a fire in the attic of a home, causing extensive damage.									
Fulton County 10 NW Atlanta	27	0815EST 0820EST			0	0			Hail (0.90)
Fulton County 6 N Atlanta to Sandy Spgs	27	0850EST 0900EST			0	0			Hail (0.75)
Houston County Perry	27	1030EST			0	0			Hail (1.25)
Gwinnett County Norcross	27	0917EST			0	0			Hail (0.75)
Peach County Ft Vly	27	1011EST			0	0			Hail (0.75)
Dime sized hail was reported across the county.									
Coweta County Sargent to 2 N Newnan	27	1036EST 1050EST			0	0			Hail (1.00)
Dime to quarter sized hail was reported.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>GEORGIA, North and Central</u>									
Coweta County 3 N Newnan	27	1044EST			0	0			Hail (1.75)
									Pictures were knocked off of the wall by golfball sized hail.
Upson County 5 NE Thomaston	27	1115EST			0	0			Hail (0.75)
Pike County Zebulon	27	1115EST			0	0			Hail (1.75)
Upson County 2 W Thomaston	27	1205EST			0	2	15K		Thunderstorm Wind
									One whole tree and several large limbs fell on power lines. A metal shelter attached to a nursing home was ripped off the building. Two nursing home employees were knocked down by the wind gust as it blew through the door.
Sumter County Cobb	27	1330EST 1345EST			0	0			Hail (0.75)
<u>GEORGIA, Northeast</u>									
Rabun County Countywide	02	2315EST 2330EST			0	0			Thunderstorm Wind (G50)
									A few trees were blown down in different locations in the county.
<u>GEORGIA, Southeast</u>									
Jenkins County Herndon	03	1150EST 1153EST			0	0			Thunderstorm Wind (G50)
Screven County Sylvania	03	1155EST 1157EST			0	0			Thunderstorm Wind (G50)
									Numerous trees down.
Bulloch County Statesboro	03	1200EST 1202EST			0	0			Thunderstorm Wind (G52)
									Trees down.
Jenkins County Millen	03	1225EST 1228EST			0	0	20K		Thunderstorm Wind (G55)
									Trees down. Tree fell on a house.
Liberty County Hinesville	03	1240EST 1244EST			0	0	15K		Thunderstorm Wind (G50)
									Tree fell on two cars.
Liberty County 3 N Midway	03	1240EST 1243EST			0	0			Thunderstorm Wind (G50)
									Numerous trees and powerlines down.
Tattnall County Reidsville to Glennville	03	1330EST 1340EST			0	0	50K		Thunderstorm Wind (G55)
									Scattered areas of trees, large limbs and powerlines down.
Bryan County Richmond Hill	03	1352EST 1355EST			0	0			Thunderstorm Wind (G50)
									Trees down.
Chatham County Savannah	03	1400EST 1404EST			0	0			Hail (0.75)
Effingham County 3 S Springfield	03	1410EST 1412EST			0	0			Thunderstorm Wind (G52)
									Powerlines down.
Screven County Hiltonia to Millhaven	09	1715EST 1730EST			0	0			Thunderstorm Wind (G55)
									Numerous trees and powerlines down between Hiltonia and Millhaven..

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>GEORGIA, Southeast</u>									
Candler County 8 NNW Metter	27	0230EST 0233EST			0	0			Hail (0.75)
<u>GEORGIA, Southwest</u>									
Thomas County Boston	03	1223EST			0	0			Thunderstorm Wind
			Numerous trees were reported blown down.						
Ben Hill County Fitzgerald	03	1240EST			0	0	2K	1K	Thunderstorm Wind
			Numerous trees, including two pecan trees, were blown down across southern parts of the county. Several out buildings were damaged and power lines were downed.						
Brooks County Morven	03	1250EST			0	0			Thunderstorm Wind
			Several trees were blown down.						
Cook County 5 SE Adel	03	1300EST			0	0	30K		Thunderstorm Wind
			A mobile home was virtually destroyed. Four people inside escaped serious injury.						
Lowndes County Countywide	03	1300EST			0	0			Thunderstorm Wind
			Trees were reported down in parts of the county.						
Miller County Colquitt	03	1400EST			0	0	5K		Thunderstorm Wind
			Numerous trees were downed in and around Colquitt. Several out buildings were flipped over. A car dealership lost 3 large plate glass windows.						
Cook County Countywide	15	1550EST			0	0			Thunderstorm Wind
			Numerous trees were blown down according to the sheriffs office.						
Turner County 2 W Ashburn	27	1408EST			0	0			Thunderstorm Wind
			Several large trees were blown down across a roadway according to Emergency Management officials.						
Brooks County 3 E Quitman	27	1530EST			0	0			Thunderstorm Wind
			Numerous trees were downed around the railroad bridge east of Quitman. County authorities also reported other trees downed around the county and power outages.						
Lowndes County Countywide	27	1550EST			0	0			Thunderstorm Wind
			Trees were blown down in various locations around the county according to county Emergency Management.						
<u>GEORGIA, West Central</u>									
Muscogee County Columbus	02	1900CST			0	0	5K	0	Thunderstorm Wind (G50)
			Trees were down in the north part of the city.						
Muscogee County Columbus	09	1530CST			0	0	5K	0	Thunderstorm Wind (G50)
			Several trees were blown down in Columbus.						
<u>HAWAII</u>									
Hawaii County Kamuela	05	0400HST 2145HST			0	0			Urban/Sml Stream Fld
			Heavy showers over the Kohala Mountains moved downslope to the coast of the South Kohala and North Kona Districts. Minor flooding occurred in Kamuela and Waikoloa.						
Hawaii County Honaunau to Kealakekua	06	1215HST 1530HST			0	0			Urban/Sml Stream Fld
			Locally heavy showers caused street flooding in the Honaunau, Captain Cook and Kealakekua areas.						
Honolulu County Makaha to Maunawili	06	1315HST 1730HST			0	0			Urban/Sml Stream Fld
			A line of showers moved slowly southeast across Oahu with areas of minor street and stream flooding. Some locations where minor flooding occurred include the leeward coast, Kunia, Waipahu, and Maunawili.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>HAWAII</u>									
Honolulu County									
13 NW Haleiwa	06	1410HST			0	0			Waterspout
Waterspout was moving toward the northeast away from land.									
Hawaii County									
Hilo	07	1330HST 1630HST			0	0			Urban/Sml Stream Fld
Rainfall rates of 0.60 inches in 15 minutes in the Waiakea Uka area caused minor street flooding in parts of the South Hilo District, including Hilo Town.									
Kauai County									
Hanalei to Lihue	07 08	2015HST 0430HST			0	0			Urban/Sml Stream Fld
Nearly stationary showers produced rainfall of 2.94 inches at Hanalei, 1.75 inches at Kapahi and 1.63 inches at Lihue Airport during the four hour period from 7 p.m. to 11 p.m. Minor flooding of roads and low lying areas occurred from Hanalei to Anahola to Lihue.									
HIZ001>006									
Kauai - Oahu - Maui - Island Of Hawaii - Molokai - Lanai									
	11	1100HST			0	0			High Surf
	12	0600HST							
Swell generated by a storm low near New Zealand produced surf of 4 to 8 feet along the south facing shores of the Hawaiian Islands.									
Hawaii County									
10 SW Kamuela	13	1515HST			0	0			Funnel Cloud
Two funnel clouds were spotted in the vicinity of Waikoloa Village.									
Maui County									
17 E Kalaupapa	13	1632HST			0	0			Waterspout
Waterspout near Molokai's Cape Halawa reported by an aircraft pilot.									
Hawaii County									
Honokaa to Mountain View	15	0400HST 1200HST			0	0			Urban/Sml Stream Fld
Heavy showers with rainfall rates briefly as high as 1.5 inches per hour caused minor flooding of several roads and low lying areas in the Hamakua, Hilo, and Puna Districts.									
HIZ004									
Island Of Hawaii									
	21	1730HST			0	0			High Wind (G70)
	25	0600HST							
A mid level trough and the subtropical jet stream brought southwest winds of 60 to 80 mph to the summits and upper slopes of Mauna Kea and Mauna Loa.									
Honolulu County									
Mililani Town	25	1310HST			0	0			Funnel Cloud
Stationary funnel cloud reported over Mililani.									
Hawaii County									
Kealakekua	31	1530HST 1830HST			0	0			Urban/Sml Stream Fld
1.29 inches of rain was recorded in 45 minutes at Kealakekua, with minor flooding in the neighboring Captain Cook area.									
<u>IDAHO, Extreme Southeast</u>									
Bear Lake County									
Bern to Montpelier	31	1835MST 1900MST			0	0	4K	2K	Tstm Wind/Hail
A severe thunderstorm moved through southeast Idaho producing strong winds in the town of Bern. A spotter measured a peak wind gust of 60 mph (52 knots) with this storm. This same storm produced 3/4" hail in the town of Montpelier about 20 minutes later. Minor damage to trees and gardens occurred.									
<u>IDAHO, North</u>									
Idaho County									
Grangeville	16	1620PST 1650PST			0	0			Tstm Wind/Hail
Hail from a thunderstorm fell in Grangeville, one inch in diameter, but "shaped like a mint" (flat). Another report in Grangeville measured the hail as dime to nickel sized.									
Idaho County									
Riggins	20	1600MST 1700MST			0	0			Thunderstorm Wind (G61)
Two reports of thunderstorm wind gusts 60-70 mph at Riggins. They broke off small tree limbs, and blew shingles and parts of roofs off structures. The storm lasted about an hour.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Property Damage	Crops	Character of Storm
IDAHO, North									
Clearwater County									
Orofino	31	1300PST 1400PST			0	0			Thunderstorm Wind (G52)
Wind gusts from thunderstorms 50-60mph blew a tree across U.S. Highway 12 near Orofino. Other trees up to three feet in diameter and limbs 18 to 20 inches thick were blown down, with trees down on cars. Also damaged were car ports and decks.									
Clearwater County									
Orofino	31	1338PST			0	0			Funnel Cloud
Two brief funnel clouds were reported at Orofino.									
Clearwater County									
Elk River	31	1345PST			0	0			Tstm Wind/Hail
Hail from a thunderstorm, nickel sized, fell at Elk River									
IDAHO, Northwest									
Nez Perce County									
Lewiston	31	1259PST			0	0	0		Thunderstorm Wind (G57)
57 mph thunderstorm gust									
Kootenai County									
8 SE Athol to 4 ESE Athol	31	1305PST 1310PST	5	50	0	0	50K		Tornado (F2)
nws survey team concluded f2 tornado touched down and caused damage to old growth trees									
Nez Perce County									
1 E Lewiston	31	1305PST			0	0	15K		Tstm Wind/Hail
roof blown off house									
Nez Perce County									
2 E Lewiston	31	1310PST	0	25	0	0	0		Tornado (F0)
eyewitness interviewed, concluded f0 tornado									
Kootenai County									
Hayden	31	1315PST			0	0	0		Thunderstorm Wind (G60)
60 mph gust									
Kootenai County									
Post Falls	31	1315PST			0	0	50K		Tstm Wind/Hail
roofs blown off houses									
Kootenai County									
1 E Rathdrum	31	1315PST			0	0	0		Thunderstorm Wind (G60)
60 mph gust									
Lewis County									
5 W Craigmont to 5 W Lapwai	31	1315PST			0	0	0		Hail (0.75)
3/4 inch hail									
Latah County									
Deary	31	1325PST			0	0	0		Tstm Wind/Hail
1/2 inch hail									
Latah County									
Helmer	31	1326PST			0	0	0		Thunderstorm Wind (G68)
68 mph gust									
Bonner County									
Cocolalla	31	1345PST			0	0	0		Heavy Rain
3/4 inches of rain in 35 minutes									
Shoshone County									
Pinehurst	31	1346PST			0	0	0		Hail (0.75)
3/4 inch hail									
Boundary County									
Bonnars Ferry	31	1415PST			0	0	0		Thunderstorm Wind (G60)
60 mph gust and 1/2 inch hail									
Benewah County									
St Maries	31	1330PST			0	0	5K	0	Thunderstorm Wind (G60)
trees down by wind									
Kootenai County									
Coeur D Alene	31	1330PST			0	0	10K	0	Thunderstorm Wind (G60)
tree in house from wind									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IDAHO, Northwest									
Bonner County Oldtown	31	1345PST			0	0	10K	0	Thunderstorm Wind (G60) numerous reports of wind damage
Bonner County Priest River	31	1345PST			0	0	125K	0	Thunderstorm Wind (G60) numerous reports of wind damage
Bonner County Sagle	31	1345PST			0	0	85K	0	Thunderstorm Wind (G60) numerous reports of wind damage
Bonner County Sandpoint	31	1345PST			0	0	90K	0	Thunderstorm Wind (G60) numerous reports of damage from high winds
IDAHO, Southeast									
Bingham County Moreland	16	1900MST 1918MST			0	0			Heavy Rain 0.75 inch of rain in 20 minutes.
Madison County Rexburg	17	1500MST			0	0			Tstm Wind/Hail 1/2 inch hail
Bannock County Pocatello	17	1500MST			0	0			Tstm Wind/Hail 1/2 inch hail and winds gusting to 40 mph
Bannock County Pocatello	20	1135MST 1145MST			0	0	0.20K		Hail (0.75) Hail up to 3/4 inch diameter along Ranch and Plateau Streets in west bench area of Pocatello damaged porch awning.
Bannock County Pocatello	20	1140MST			0	0			Tstm Wind/Hail 1/2 inch hail east bench area of Pocatello
Bannock County 2 SW Inkom	20	1330MST 1400MST			0	0			Hail (0.75) Heavy rain and hail caused minor flooding along lower Inman Creek.
Cassia County Idahome	21	1250MST 1300MST			0	0			Hail (1.75)
Cassia County 3 W Heglar	21	1300MST 1330MST			0	0			Hail (0.75) The hail lasted 30 minutes with two inches of accumulation. This was the most hail the weather spotter had seen in 25 years.
Cassia County 1 E Heglar	21	1300MST			0	0			Hail (1.00)
Power County Neeley	21	1430MST			0	0			Hail (1.00)
Bannock County Pocatello	21	1300MST 1305MST			0	0			Hail (0.75) Hail was observed in Johnny Creek Area
Bannock County Pocatello	21	1315MST 1325MST			0	0			Hail (1.00) County Emergency Director reported quarter-size hail at County Jail in SE part of Pocatello
Bannock County Pocatello	21	1325MST 1330MST			0	0			Hail (1.00) Reported by weather spotter about 1 mile southeast of County Jail.
Bannock County Pocatello	21	1330MST			0	0			Hail (0.75) Spotter on south end of Pocatello near golf course reported 1.05 inches of rain and dime-size hail

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
IDAHO, Southeast									
Power County 7 S Cold Water	21	1335MST			0	0			Tstm Wind/Hail
									1/2 inch hail
Bannock County 2 N Pocatello	21	1405MST 1410MST			0	0			Tstm Wind/Hail
									Weather spotter in Chubbuck reported 1/2 inch hail.
Bannock County Pocatello	21	1415MST 1420MST			0	0			Tstm Wind/Hail
									1/4 inch hail on east bench of Pocatello near Fairgrounds.
Bannock County Pocatello	21	1415MST 1420MST			0	0			Tstm Wind/Hail
									1/3 inch hail observed at KMART in north Pocatello.
Power County Pocatello Arpt	21	1423MST			0	0			Tstm Wind/Hail
									Wind gust 45 mph at Pocatello airport.
Teton County 4 SW Driggs	31	1107MST 1109MST			0	0			Funnel Cloud
									Teton County Sheriff reported a funnel cloud about 4 miles southwest of Driggs which extended only a few hundred feet from base of cloud and did not touch the ground. The thunderstorm associated with this funnel also produced pea-size hail.
Custer County 8 NE Dickey	31	1400MST 1415MST			0	0			Hail (0.75)
									Dime-size hail accumulated to 3 inches on ground over the Doublespring Pass
Minidoka County 4 E Rupert	31	1420MST			0	0			Hail (1.75)
									Golfball-size hail
Bingham County Aberdeen	31	1430MST			0	0			Hail (0.75)
									Two separate reports of dime-size hail in Aberdeen
Bingham County 1 N Aberdeen	31	1440MST			0	0			Hail (1.00)
Butte County Arco	31	1435MST			0	0			Hail (1.00)
Custer County Stanley	31	1440MST			0	0			Tstm Wind/Hail
									1/2 inch hail in Stanley
Power County Cold Water	31	1515MST			0	0			Tstm Wind/Hail
									1/4 inch hail and extremely heavy rain in Cold Water
Power County 8 SW American Falls	31	1525MST			0	0			Tstm Wind/Hail
									1/2 inch hail and extremely heavy rain at Massacre Rocks State Park
Bingham County Springfield	31	1525MST 1530MST			0	0			Heavy Rain
									Weather spotter remarked the rain was the heaviest he had ever seen in Idaho.
Butte County 2 E Howe	31	1540MST			0	0			Hail (1.00)
Butte County Howe	31	1540MST			0	0			Hail (1.75)
									Golfball-size hail
Butte County 7 E Howe	31	1545MST			0	0			Hail (1.50)
Bannock County 2 N Pocatello	31	1545MST 1550MST			0	0			Funnel Cloud
									Rotating wall cloud and possible funnel observed by weather spotter in Chubbuck

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
IDAHO, Southeast									
Bannock County 1 SE Pocatello	31	1555MST 1556MST	0.1	20	0	0			Tornado (F0)
									Tornado briefly touched down on hillside east of Pocatello Drive-Inn Theatre
Bannock County 5 N Pocatello	31	1600MST 1605MST			0	0			Funnel Cloud
									Brief funnel cloud observed north of Chubbuck.
Jefferson County 3 W Terreton to 2 N Terreton	31	1605MST	4	200	0	0			Tornado (F1)
									A F1 Tornado touch down about one mile west of Mud Lake demolishing a shed, damaging a quanset hut, lifting a roof off another shed, and rolling over an irrigation circle line. The tornado moved east toward Mud Lake knocking down trees, large branches and two power poles. In Mud Lake metal siding was stripped off a few buildings and a large portion of a restaurant roof was blown off. An approximate 100 x 50 foot roof was lifted off a building at the Feed Company Shed on the NW corner of town and deposited on two trucks. The tornado continued to move northeast causing damage to sheds, roofs, trees and other structures 1 to 2 miles north of Terreton. Two miles north of Terreton a large roof was lifted off a shed and thrown over 150 feet landing on top of a home. The large funnel associated with the tornado was visible from the NWS in Pocatello at 5:05 pm MDT...a distance of about 65 miles.
Jefferson County 2 N Terreton	31	1612MST			0	0			Hail (1.50)
									Hail associated with Terreton tornadic storm
Bannock County 1 S Inkom	31	1620MST 1630MST			0	0			Hail (1.00)
									Quarter-size hail covered the ground.
Bannock County 2 S Inkom	31	1630MST			0	0			Hail (0.75)
									Hail observed along Marsh Creek Road.
Caribou County 5 SW Chesterfield to 5 SW Cheserfield	31	1700MST			0	0			Tstm Wind/Hail
									1/4 inch hail and very heavy rain occurred with thunderstorm.
Caribou County Hatch	31	1705MST 1715MST			0	0			Tstm Wind/Hail
									1/2 inch hail in Hatch area.
Cassia County Sublett	31	1705MST 1715MST			0	0			Hail (1.00)
									Quarter-size hail covered the ground and stripped leaves from trees.
Cassia County Sublett	31	1705MST 1715MST			0	0			Hail (1.00)
									Hail the size of quarters dented metal siding of sheds and trailer homes, severely damaged outside house plants, chopped down alfalfa, severely damaged outside house plants, and accumulated to about one inch on ground. Weather spotter remarked that hail remained on the ground until the next morning. Sublett Road from Sublett to Sublett Reservoir was flooded with 6 to 12 inches of water.
Cassia County Sublett	31	1710MST 1715MST			0	0			Funnel Cloud
									Brief funnel cloud observed with Sublett storm.
Bannock County 4 SW Pocatello	31	1830MST			0	0			Hail (0.75)
									Hail occurred in Inkom Gap immediately southwest of Pocatello.
IDAHO, Southwest									
IDZ001>005-018- 020>021									Northern Panhandle - Coeur D'Alene Area - Lewiston And The Palouse - Shoshone - Northern Clearwater Mountains - Salmon/Sawtooth Mountains - Upper Snake River Plain - Lower Snake River Plain
	01	0000MST			0	0	4M		Flood
	31	2359MST							
									During the month of May, unusually heavy snow pack at the higher elevations of Idaho began to melt. Runoff swelled many rivers statewide to flood stage. Hardest hit by damaging floods were the counties in the Idaho Panhandle. where seven counties

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IDAHO, Southwest</u>									
were declared state disaster areas. An estimated 4 Million dollars in property damages were suffered and miles of road were flooded throughout the region disrupting transportation. The major rivers of the region...the Pend Oreille, St. Joe and Coeur d'Alene...remained above flood stage for most of the second half of May.									
Elsewhere in Idaho less serious flooding occurred on the Portneuf, Teton, Henry's Fork and Snake Rivers. Flooding along these rivers inundated mostly agricultural land. The Big Wood River flooded near the town of Hailey where a few houses were flooded.									
Payette County Payette	04	2035MST			0	0			Thunderstorm Wind (G60)
	Winds generated by a severe thunderstorm ripped the roof off of a trailer home in Payette, Idaho.								
Adams County 30 NW Council	16	1730MST			0	0			Hail (0.75)
	A severe thunderstorm formed over the Central Mountains and produced 3/4 inch hail .								
Owyhee County 15 SE Murphy	16	2030MST 2130MST			0	0			Flash Flood
	A very slow moving thunderstorm dumped heavy rain upon the Owyhee Mountains of Southwest Idaho. Flash flooding ensued which left one foot of water on highway 78. Numerous dry washes and gullies were flowing with water.								
Twin Falls County Kimberly	31	1435MST			0	0			Hail (0.75)
	A severe thunderstorm produced 3/4 inch hail in Twin Falls County.								
<u>ILLINOIS, Central</u>									
Knox County Abingdon	18	2019CST			0	0	0	0	Hail (1.00)
Knox County 8 WSW Yates City	18	2019CST	0.1	50	0	0	0	0	Tornado (F0)
	A tornado briefly touched down in a field 8 miles west southwest of Yates City. No injuries or damage were reported.								
Knox County Oneida	18	2120CST			0	0	0	0	Hail (1.00)
Tazewell County Pekin	18	2123CST			0	0		0	Thunderstorm Wind
	Thunderstorm winds blew down numerous large tree limbs in Pekin. No injuries were reported and no damage estimate was available.								
Woodford County Benson	18	2126CST			0	0	80K	0	Thunderstorm Wind
	Thunderstorm winds blew down a few trees and tree limbs in Benson. Also, the "doglegs" of a grain bin were blown off, several large sheds had their doors blown in, and some siding damage was reported in the area. No injuries were reported and damage was estimated around \$80,000.								
Moultrie County 2 SE Kirksville	25	1110CST			0	0	0	0	Waterspout
	A waterspout briefly formed over Lake Shelbyville 2 miles southeast of Kirksville. No damage or injuries were reported.								
Coles County 1 N Ashmore	25	1155CST 1200CST	0.1	10	0	0	0	0	Tornado (F0)
	An Illinois Department of Conservation officer reported a brief touchdown of a tornado in a field 1 mile north of Ashmore. No injuries or damage were reported.								
<u>ILLINOIS, Northeast</u>									
Cook County Orland Park	05	1315CST			0	0			Hail (0.75)
Kankakee County Kankakee	05	1315CST			0	0			Hail (1.75)
Grundy County Morris	05	1357CST			0	0			Thunderstorm Wind (G52)
Will County Wilmington	05	1440CST			0	0			Hail (1.75)
	Strong thunderstorms that moved through portions of northeast Illinois during the afternoon hours produced hail, strong winds and locally heavy rain.								
Ogle County Brookville	18	1650CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, Northeast									
Ogle County									
Stillman Vly	18	1730CST			0	0			Hail (0.75)
Winnebago County									
Rockford	18	1803CST			0	0			Hail (0.75)
Lake County									
Lake Villa	18	1808CST			0	0			Thunderstorm Wind (G57)
Lake County									
Lindenhurst to Gurnee	18	1818CST 1823CST	6	75	0	0			Tornado (F2)
A tornado touched down on the southeast side of Lindenhurst and damaged trees and the roofs of several homes. The tornado reached F2 intensity near Sand Lake Road and Route 45 where 2 barns were destroyed, two foot diameter oak trees were broken off or uprooted and the roof was taken off a nursery. Signs were blown down along Sand Lake Road and Stearns School Road. A subdivision on the north side of Gurnee had damage to trees, a chimney blown off a house, windows broken, walls damaged, a garage door blown in and a fence blown down. Three quarter inch hail also occurred in Lindenhurst.									
Lee County									
Amboy to Paw Paw	18	1815CST 1820CST			0	0			Hail (1.75)
Three quarter inch diameter hail fell at Amboy and golf ball size hail fell at Paw Paw.									
Du Page County									
(Dpa)Dupage Co Arpt to Willowbrook	18	1834CST 1850CST			0	1			Thunderstorm Wind (G64)
A 73 mph wind gust was reported at Du Page Airport in West Chicago. Trees and limbs were blown down throughout the county causing power outages. Some trees or limbs fell on cars and roofs of houses. At Carol Stream winds peeled off part of the roof of a Pizza Hut, an apartment building and ice skating rink. The roof debris damaged cars. In Naperville a woman was injured by flying glass at a hotel at I-88 and Naperville Road. Wind damaged the roof of a house in Willowbrook.									
Kane County									
Batavia	18	1835CST			0	0			Thunderstorm Wind (G59)
La Salle County									
Mendota	18	1837CST			0	0			Thunderstorm Wind (G52)
Kendall County									
2 SE Yorkville	18	1845CST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds caused damage at a farm southeast of Yorkville. A semi-trailer was blown over, windows were broken and shingles peeled off a barn, and trees and limbs were blown down.									
Will County									
3 SW Bolingbrook to Romeoville	18	1850CST 1900CST			0	0			Thunderstorm Wind (G50)
Wind damaged trees and roofs at a farm and blew an empty grain bin across the road southwest of Bolingbrook. The wall of a house under construction was blown down in Bolingbrook. Large tree limbs were blown down and a house roof was damaged in Romeoville.									
Cook County									
Brookfield to Berwyn	18	1900CST 1915CST			0	0	0		Thunderstorm Wind
Intense downbursts or possibly a brief gustnado blew down large tree limbs and trees, damaging homes and cars. Strong winds caused some roof damage. At the Brookfield Zoo, trees were damaged and a tram overturned.									
Cook County									
Chicago	18	1900CST 1925CST			0	0	0		Thunderstorm Wind (G55)
High winds and possible gustnadoes in southern and central Cook County downed many tree limbs, some trees and powerlines. Specific wind gusts reported: Meigs field 63 mph, NBC Tower in downtown Chicago 61 mph, 3SW Midway 61 mph, and Midway airport 62 mph.									
Cook County									
Orland Park to Lynwood	18	1900CST 1920CST			0	0	0		Thunderstorm Wind (G57)
Strong winds caused roof and tree damage to homes or businesses in Orland Park, Country Club Hills and Tinley Park. A wind gust of 65 mph was reported at Orland Park. A 58 mph wind gust was recorded at the Lansing, IL AWOS.									
A very intense downburst or possibly a gustnado produced F0-F1 intensity damage for about a 2 mile long and 50 yard wide path through Lynwood, from Stoney Island Road to Burnham Road, parallel to and about 1/2 mile north of Glenwood-Dyer Road. Several businesses had roof damage west of Lynwood. In a subdivision in Lynwood about 30 homes sustained some damage. Mostly shingles removed, antennas down, windows broken, tree limbs down, gutters and awnings damages. Two houses at Lakewood and 201st had about half the roof torn of, a church had roof damage and a bell tower damaged. About half dozen other houses had small sections of the roof peeled off.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>ILLINOIS, Northeast</u>									
Cook County									
Chicago	18	1905CST 1910CST			0	0		0	Thunderstorm Wind (G52)
On the south side of Chicago, roof and tree damage at 6800 S. California, 8700 Kostner, 7900 South Harlem, 6300 S. Cicero and 5600 Kolmar. A wind gust of 60 mph was reported at Calumet City around 815pm.									
Will County									
New Lenox to Beecher	18	1920CST 1930CST			0	0		0	Thunderstorm Wind
Strong winds caused roof and tree damage at businesses or homes in New Lenox and Mokena. In Beecher, near the Indiana state line, a barn was destroyed.									
La Salle County									
Utica	18	2038CST			0	0			Hail (1.75)
A wind gust to 70 mph and hail of 1.75 inches in diameter were reported in North Utica.									
Grundy County									
Coal City	18	2100CST			0	0			Hail (0.75)
Iroquois County									
5 NE Watseka	18	2220CST			0	0		0	Thunderstorm Wind
Strong winds downed trees.									
<u>ILLINOIS, Northwest</u>									
ILZ001>002-007-009									
Jo Daviess - Stephenson - Carroll - Whiteside									
07		2230CST			0	0			High Wind (G60)
08		0100CST							
Gradient winds behind a line of thunderstorms produced damage to area trees and power lines as they passed out of extreme eastern Iowa into northwest Illinois.									
Carroll County									
Thomson	18	1715CST			0	0			Hail (1.00)
Jo Daviess County									
East Dubuque	18	1750CST			0	0			Hail (1.75)
Rock Island County									
East Moline	18	1905CST 1910CST			0	0			Hail (1.50)
Rock Island County									
East Moline	18	1905CST			0	0			Hail (1.00)
Rock Island County									
East Moline	18	1908CST			0	0			Hail (1.75)
Rock Island County									
Silvis	18	1911CST			0	0			Hail (0.75)
Henry County									
Colona	18	1917CST 1924CST			0	0			Hail (1.00)
Rock Island County									
Milan	18	1925CST			0	0			Hail (3.00)
Warren County									
Smithshire	18	1930CST	0	0	0	0			Tornado (F0)
Brief tornado touchdown with no damage.									
Rock Island County									
Moline	18	1941CST			0	0			Hail (0.75)
Bureau County									
Manlius	18	1955CST	0.1	10	0	0			Tornado (F0)
Bureau County									
2 W Princeton	18	2004CST			0	0			Hail (1.75)
Bureau County									
Princeton	18	2009CST			0	0			Hail (1.50)
Bureau County									
Princeton	18	2011CST			0	0			Hail (1.00)
A very costly hail storm passed across northeast Iowa into extreme western Illinois, bringing several waves of hail greater than 1.5 inches. While there were a few reports of tornadoes; by far the most significant event was the large hail.									
Bureau County									
1 E Mineral	24	1617CST			0	0			Thunderstorm Wind (G50)
Trees down across road									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, South

ILZ084

Jackson

01 0001CST

0 0

Flood

09 2300CST

The Big Muddy River fell below flood stage at Murphysboro on May 9, after cresting 4.3 feet above flood stage in early April. There was little damage, since the bottomlands were not planted for the most part. The Big Muddy River again rose above flood stage on May 31. This would likely cause problems where crops were planted.

Massac County

1 N Metropolis

02 2110CST

0 0

Thunderstorm Wind (G52)

Large tree limbs were down.

Johnson County

New Burnside

25 2244CST

0 0

Thunderstorm Wind (G52)

A spotter reported trees over the road.

Jackson County

Ava

26 1527CST

0 0

Hail (1.75)

Massac County

Metropolis

28 1530CST

0 0

10K

Flash Flood

1740CST

As much as 4 inches of rain was estimated to have fallen near Unionville in 3 hours time. In Metropolis, one inch of rain fell in 30 minutes, causing significant street flooding.

Pope County

New Liberty

28 1530CST

0 0

Flash Flood

1740CST

Radar estimated as much as 4.5 inches of rain fell within 3 hours across the southern tip of Pope County near the Ohio River. Thunderstorms repeatedly moved slowly over the same areas, causing the excessive rainfall.

ILLINOIS, Southwest

Jersey County

Grafton

02 2250CST

0 0

Hail (1.00)

County sheriff reported quarter size hail.

Monroe County

Valmeyer

25 2015CST

0 0

Thunderstorm Wind (G50)

County sheriff reported trees and power lines down.

Monroe County

Foster Pond

25 2020CST

0 0

Thunderstorm Wind (G50)

County sheriff reported trees down.

Randolph County

Steeleville

25 2115CST

0 0

1K

Thunderstorm Wind (G51)

County sheriff reported power lines down and roof damage to a building at an baseball field.

INDIANA, Central

Hendricks County

Plainfield

05 1850EST

0 0

1K

Lightning

INZ048>049-055>057

Hancock - Henry - Johnson - Shelby - Rush

31 2159EST

0 0

Flood

2359EST

Heavy rains brought the Big Blue River out of its banks in central Indiana though flooding was contained to agricultural lands and parts of roadways near streams. Young corn crops were damaged substantially but a damage estimate was uncertain. This flooding continued into June 1 and will be continued in June Storm Data.

INZ048>049-056>057-064>065-070>072

Hancock - Henry - Shelby - Rush - Bartholomew - Decatur - Lawrence - Jackson - Jennings

31 2250EST

0 0

Flood

2359EST

Heavy rains brought most small streams out of their banks in east central and south central Indiana. The flooding affected agricultural bottomlands and parts of roads near the streams. Some crop losses likely occurred but were difficult to estimate a cost. This event carried on into June 1 and will also appear there in the June Storm Data.

INDIANA, Northeast

Lagrange County

**46 NW Stone Lake to
46.5 NW Stone Lake**

18

2130EST

1

100

0

1

1.5M

0

Tornado (F0)

2131EST

Tornado at Stone Lake at 930 pm est threw boat from lake into living room, house collapsed. Eight homes damaged.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>INDIANA, Northeast</u>									
Lagrange County									
43 NW Lagrange	18	2138EST 2139EST	1	200	0	1	1.5M	0	Tornado (F0)
Highway 9 near county road 200N near Lagrange, tornado picked up sheriffs car and spun it around, minor injury to deputy from flying glass. Several trailers and cars in vicinity damaged.									
Lagrange County									
46 NW Shipshewana to 47 NW East Of Shipshewana	18	2139EST 2141EST			0	0	1.5M	0	Thunderstorm Wind
Thunderstorm winds destroyed several business and other buildings in town and just east of town. Large trees and power lines down.									
Noble County									
35 NW Near Ligonier to 30 N Near Kendallville	18	2155EST 2231EST			0	0	4M	0	Thunderstorm Wind
Thunderstorm winds near kendallville downed large trees and power lines. Thunderstorms moving across north side of county damaged farm buildings, a church, homes and utility towers.									
Steuben County									
44 N Angola Airport to 45 N Angola Airport	18	2200EST 2202EST	1	200	0	0	10M	0	Tornado (F0)
Angola Airport had 21 aircraft and 3 hangars damaged. In surrounding area farm buildings, homes and business, utility towers also damaged.									
Allen County									
5 N Ft Wayne	18	2246EST 2247EST			0	0	0.50K	0	Thunderstorm Wind
Eighteen inch tree blown down north side of fort wayne.									
<u>INDIANA, Northwest</u>									
Lake County									
Lowell	05	1443EST			0	0			Hail (2.00)
Porter County									
Hebron	05	1518EST			0	0			Hail (2.00)
St. Joseph County									
South Bend	05	1542EST			0	0			Hail (0.75)
Strong thunderstorms that moved through northwest Indiana during the afternoon hours, produced hail, strong winds and locally heavy rain.									
Porter County									
Valparaiso	18	2050EST			0	0		0	Thunderstorm Wind
Trees and limbs downed throughout the county, especially southwest of Valparaiso.									
La Porte County									
La Porte	18	2100EST			0	0		0	Thunderstorm Wind
Damage occurred mainly in the northern portion of the county, with many trees and large limbs down in LaPorte. Some limbs fell across roads and houses.									
Starke County									
Knox	18	2110EST			0	0		0	Thunderstorm Wind
Strong winds downed trees north of Knox.									
St. Joseph County									
South Bend	18	2113EST			0	0			Thunderstorm Wind (G81)
A 93 mph wind gust was recorded at the Michiana Regional Airport in South Bend. The re was widespread damage to trees, limbs and power lines. Trees and limbs fell on houses.									
St. Joseph County									
Mishawaka	18	2114EST			0	0			Thunderstorm Wind (G56)
Trees and limbs downed.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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INDIANA, Northwest

Elkhart County

Elkhart	18	2130EST 2140EST			0	0			Thunderstorm Wind (G65)
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A 75 mph wind gust was recorded at Goshen at 930pm. Winds were estimated at 70 mph or greater at Elkhart, Bristol and Middlebury. Goshen was hardest hit with many large trees and limbs, broken uprooted, down on houses and cars. Most damage occurred around 3rd and Main Streets. Shingles were torn off roof tops. Reported 30 or 40 power poles blown down in the county.

Marshall County

Tippicanoe	18	2130EST			0	1			Thunderstorm Wind
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A trailer was blown over, one person was injured.

Kosciusko County

Warsaw	18	2200EST			0	0			Thunderstorm Wind
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Trees and limbs downed.

INDIANA, South Central

INZ079

Jefferson

02	2330EST			0	0			Flood
04	0300EST							

The Muscatatuck River crested at 23.4 feet (flood stage is 15 feet) at 10 am edt on May 3. A few country roads were water covered.

INDIANA, Southeast

Wayne County

Williamsburg	31	1523EST 2300EST			0	0	10K		Flood
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Persistent heavy rainfall caused Greens Fork Creek to rise out of its banks and across several roads.

INZ058

Fayette

31	1600EST 2359EST			0	0			Flood
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Persistent heavy rainfall caused the Whitewater River at Alpine to rise above the flood stage of 12.0 feet. The river stayed above flood stage through June 2nd and reached a crest of 16.7 feet.

INDIANA, Southwest

NONE REPORTED.

IOWA, Central

IAZ037-049>050

Hardin - Marshall - Tama

01	0000CST			0	0	5K		Flood
03	1200CST							

Minor flooding continued in the Des Moines County Warning Area as runoff from the spring melt continued. The flooding was mostly limited to the Iowa River Basin. Damage was minor.

Decatur County

Pleasanton	02	1805CST			0	0	75K		Hail (2.00)
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Wayne County

Clio	02	1828CST			0	0	100K		Hail (3.00)
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Appanoose County

7 S Centerville	02	1930CST			0	0	1K		Hail (0.75)
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A strong storm system moved out of the southern Rockies across Kansas and passed just south of Iowa during the evening of the 2nd. The airmass was quite unstable as a cold pool aloft moved into the state along with the upper level low pressure system. Severe weather was limited across Iowa due to the location relative to the warm sector, however elevated convection developed during the late afternoon and evening hours in the cloud filled dry slot that moved into the state. The storms produced large hail due to the low freezing levels and wet bulb zero heights. Hail larger than baseball size fell in Decatur County near Pleasanton, with two inch diameter hail falling near Clio in Wayne County. The storms weakened as they moved east with three quarter inch diameter hail reported south of Centerville in Appanoose County. There were no significant winds reported with the storms as the jet structure was not favorable for high winds. Damage resulted as the large hail damaged roofs and vehicles in the area.

IAZ004>007-015>017-023>028-033>039-044>050-057>062

Emmet - Kossuth - Winnebago - Worth - Palo Alto - Hancock - Cerro Gordo - Pocahontas - Humboldt - Wright - Franklin - Butler - Bremer - Sac - Calhoun - Webster - Hamilton - Hardin - Grundy - Black Hawk - Crawford - Carroll - Greene - Boone - Story - Marshall - Tama - Audubon - Guthrie - Dallas - Polk - Jasper - Poweshiek

05	1230CST 1930CST			0	1	75K		High Wind (G52)
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A strong cold front slid southeast across the state during the morning of the 5th. The pressure gradient was quite tight behind the front producing strong winds in its wake. There was one injury as a result of the high winds. A motorcyclist was blown off his motorcycle near Ames in Story county. He suffered minor injuries. A tractor-semitrailer truck was overturned by the high winds

Storm Data and Unusual Weather Phenomena

May 1997

Location	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
	Date			Killed	Injured	Property	Crops	

IOWA, Central

near Story City, also in Story County. Overall, damage around the state was minor and quite spotty. Sustained wind speeds were in the 30 to 40 MPH range through the afternoon. The highest official gusts occurred at Carroll, Estherville, and Emmetsburg with 56 MPH winds. There were unofficial wind gusts reported around 60 mph however.

Emmet County 3.5 E Estherville

07	0730CST			0	0	40K		Lightning
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Thunderstorms fired up during the early morning hours and crossed over Emmet County. Although they were not severe, lightning struck a farm house and barn east of Estherville. They were set on fire. Both were saved, but some fire damage and considerable smoke damage occurred in spite of the relatively minor fire.

Hamilton County Webster City

07	1126CST			0	0	15K		Lightning
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Thunderstorms moved across Hamilton County. Lightning struck a window air conditioner on a house in Webster City. It set the wall on fire. Though the fire damage was slight, considerable smoke damage occurred.

Crawford County Denison

07	1435CST			0	0	25K		Hail (1.75)
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Crawford County 6 SE Denison

07	1450CST			0	0			Hail (0.75)
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Carroll County 2 SW Manning

07	1509CST			0	0			Hail (0.75)
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Carroll County 2 W Coon Rapids

07	1515CST			0	0			Hail (0.75)
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Audubon County 3 N Viola Center

07	1526CST			0	0	1K		Hail (1.00)
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Audubon County 7 W Audubon

07	1540CST			0	0			Hail (0.75)
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Taylor County Lenox

07	1630CST			0	0	100K		Lightning
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Warren County Martensdale

07	1631CST			0	0	1K		Hail (0.75)
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Polk County Des Moines

07	1700CST			0	0	15K		Urban/Sml Stream Fld
	1830CST							

Warren County Indianola

07	1700CST			0	0	40K		Urban/Sml Stream Fld
	1830CST							

Madison County Winterset

07	1700CST			0	0	75K		Urban/Sml Stream Fld
	2200CST							

IAZ073>075-083>086 Warren - Marion - Mahaska - Clarke - Lucas - Monroe - Wapello

07	1800CST			0	0	10K		Flood
08	2200CST							

Much of the rainfall in Iowa during the month of May occurred during the first week of the month. A significant rainfall event occurred on the 7th. Rainfall amounts of 1 to 3 inches were common east and south of Des Moines, with some spotty amounts to 4 inches. This in combination with above normal streamflow from the last of the spring snow melt resulted in minor flooding over parts of southern Iowa. Once again, damage was quite minor.

Madison County 1 W Peru

07	1802CST			0	0	20K		Hail (1.75)
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A strong weather system moved into the state bringing with it the seasons first push of deep gulf moisture. A warm front pushed into southwest Iowa during the afternoon bring with it surface dew point temperatures in the low to mid 60s. Meanwhile, a cold front was approaching from the west. Convection fired during the morning and rolled southeast across the state. During the early afternoon, dry air moved into southwest Iowa, destabilizing the atmosphere. By early afternoon, CAPE values were near 3000 J/kg, with Lifted Indices near -8 degrees C. The first thunderstorms erupted over west central Iowa. Within 20 minutes the storms became severe. WSR-88D reports showed VIL values in the storm topped 73 Kg/m. This storm produced golf ball size hail in the town of Denison. The storms continued to develop into a line during the late afternoon and early evening hours. Most of the hail along the line was smaller, with reports of three quarters to one inch diameter hail received as the storms advanced east. A cluster of thunderstorms developed over central Iowa during the late afternoon. The line from the west merged with this cluster, producing copious amounts of rain over Polk, Warren, and Marion Counties. Reports indicate that 2 to 4 inches was common over much of the area. Far southeast Polk County had about 2 1/2 inches, over 3 inches fell in Indianola of Warren County, with 4 to spotty 5 inch amounts reported over Marion County. Flooding occurred as a result of the heavy rainfall. Much of the flooding was limited to urban flooding, however larger streams flooded overnight in Warren and Marion Counties as the North and Middle Rivers crested several feet above flood stage. Damage was not very serious however as the flooding that did occur was in areas where it is quite common and there was not much to flood. During the early evening, a lone thunderstorms developed and moved

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

IOWA, Central

into Madison County. This storm was not long lived, however it did produce golf ball size hail as it passed west of Peru. During the early evening hours, a thunderstorm rolled through Taylor County. As it passed over the city of Lenox, lightning struck the television station there. Damage to the equipment took the station, as well as the city's cable system, off the air for several weeks.

Polk County Bondurant to Mitchellville	12	1627CST 1644CST	6.7	15	0	0			Tornado (F0)
Jasper County Baxter	12	1648CST 1650CST	0.1	10	0	0			Tornado (F0)
Warren County 2 E Hartford to 4 NE Pleasantville	12	1712CST 1722CST	8	15	0	0			Tornado (F0)

An upper level low pressure system dropped south-southeast across Iowa during the afternoon hours. The air mass became unstable with the afternoon heating. Lifted indices were around -3 C. Thunderstorms erupted under the cold pool aloft. Temperatures at 500 mb were near -30 C. Although the thunderstorms were not all that impressive, funnel clouds were observed over north central Iowa as early as mid afternoon. The air at the surface was very dry with dew point temperatures in the 20s F. By late afternoon, brief tornado touchdowns were reported. One touched down in Polk County and was on the ground intermittently for nearly 7 miles. Another touched down in Jasper County, but only briefly. Yet another tornado touched down in eastern Warren County and skipped along the ground for about 8 miles before lifting near the west end of the Red Rock Reservoir. No damage was reported with any of the tornadoes however.

IAZ004>007-015>017-023>028-033>039-044>050-057>062-070>075-081>086-092>097	Emmet - Kossuth - Winnebago - Worth - Palo Alto - Hancock - Cerro Gordo - Pocahontas - Humboldt - Wright - Franklin - Butler - Bremer - Sac - Calhoun - Webster - Hamilton - Hardin - Grundy - Black Hawk - Crawford - Carroll - Greene - Boone - Story - Marshall - Tama - Audubon - Guthrie - Dallas - Polk - Jasper - Poweshiek - Cass - Adair - Madison - Warren - Marion - Mahaska - Adams - Union - Clarke - Lucas - Monroe - Wapello - Taylor - Ringgold - Decatur - Wayne - Appanoose - Davis	13	0000CST 0700CST		0	0	1M	100K	Frost/Freeze
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A large area of Canadian high pressure settled over the central U.S. bringing with it unseasonably cold weather. Frost or freezing temperatures covered all of Iowa during the early morning hours of the 13th. Readings as low as -5 degrees C. were recorded over the north and west part of the state with readings near or at freezing over the south. Des Moines recorded its latest freeze in 34 years as the mercury touched the freezing mark. Damage was widespread to outdoor plants with nurseries reporting heavy losses to annuals. Some crop damage was reported, however much of the crop that was planted had not yet emerged keeping damage amounts low.

Polk County Elkhart	16	1654CST			0	0			Hail (0.75)
Adair County 2 S Greenfield	16	1716CST			0	0			Hail (0.75)
Adair County 5 SE Greenfield	16	1725CST			0	0	2K		Hail (1.00)
Madison County Macksburg	16	1747CST			0	0	4K		Hail (1.00)
Madison County 2 SE Macksburg	16	1750CST			0	0			Hail (0.75)
Union County 6 N Afton	16	1750CST			0	0	1K		Hail (1.00)
Union County 2 S Lorimor	16	1807CST			0	0			Hail (0.75)
Clarke County Murray	16	1822CST			0	0	5K		Hail (0.75)
Clarke County 1 E Murray	16	1827CST			0	0			Hail (0.75)
Clarke County 2 S Osceola	16	1833CST			0	0	10K		Hail (1.75)

A cold front moved southeast across the state during the late afternoon and evening hours. Temperatures ahead of the front were in the 80s to low 90s. The air mass became quite unstable ahead of the front with Lifted Indices around -6 C. The air was quite dry in the low levels, thus thunderstorms development was quite scattered with only isolated severe weather reported. Most of the storms that produced hail only produced pea to marble size hail. However isolated reports of dime size hail were received. Dime size hail accumulated to a depth of 2 inches near Murray in Clarke County. Trees were partly stripped by golf ball size hail south of Osceola, also in Clarke County.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>IOWA, Central</u>									
Tama County									
Toledo	18	1510CST			0	0	3K		Hail (0.85)
A strong cold front moved southeast across Iowa during the late afternoon hours. The low pressure associated with this front moved southeast across northeast and east central Iowa. The airmass became very unstable, though it was capped aloft. Lifted Indices fell to between -8 and -12 C during the afternoon with CAPE values around 3000 J/kg. An MCS developed over east central Iowa with several supercells embedded. The back edge developed over Tama County. VIL values in the storm reached 72 Kg/m/m as the storm dropped hail larger than dime size. This was the only severe weather in the Des Moines County Warning Area. The rest of the severe weather occurred to the east, across east central and southeast Iowa.									
<u>IOWA, East Central and Southeast</u>									
IAZ054-066									
Jackson - Clinton									
07	18	2230CST			0	0			High Wind (G60)
08	18	0100CST							
Gradient winds behind a line of thunderstorms produced damage to area trees and power lines as they passed out of extreme eastern Iowa into northwest Illinois.									
Benton County									
Vinton	18	1435CST			0	0			Hail (1.00)
Benton County									
Van Horne	18	1450CST			0	0			Hail (1.75)
Benton County									
Shellsburg	18	1505CST			0	0			Hail (1.75)
Benton County									
2 N Vinton	18	1505CST			0	0			Hail (1.75)
Benton County									
3 S Vinton	18	1505CST			0	0			Hail (1.75)
Linn County									
Cedar Rapids	18	1515CST			0	0			Hail (1.00)
Linn County									
.8 E Lisbon to 1 E Lisbon	18	1540CST 1542CST	0.2	50	0	0			Tornado (F1)
Tornado passed across open country along highway 30.									
Cedar County									
5 W Mechanicsville to 2 W Mechanicsville	18	1542CST 1545CST	3	50	0	0			Tornado (F1)
Tornado passed across open country along highway 30.									
Dubuque County									
Farley	18	1550CST			0	0			Hail (0.75)
Dubuque County									
Worthington	18	1550CST			0	0			Hail (0.75)
Dubuque County									
Peosta	18	1600CST 1610CST			0	0			Hail (1.00)
One inch hail fell for 10 minutes.									
Jones County									
3 N Oxford Jct	18	1605CST			0	0			Hail (1.75)
Clinton County									
Dewitt	18	1615CST			0	0			Hail (0.75)
Benton County									
Van Horne	18	1620CST			0	0			Hail (1.75)
Jackson County									
2 NW Maquoketa	18	1630CST			0	0			Hail (1.00)
Linn County									
Mt Vernon	18	1630CST			0	0	20K		Thunderstorm Wind (G65)
New grain bin destroyed and several old outbuildings damaged.									
Dubuque County									
Dyersville	18	1632CST			0	0			Hail (1.00)
Dubuque County									
Farley	18	1632CST			0	0			Hail (1.00)
Iowa County									
West Amana	18	1643CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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IOWA, East Central and Southeast

Dubuque County Graf	18	1655CST			0	0			Hail (0.75)
Dubuque County Dubuque	18	1700CST			0	0			Hail (0.75)
Linn County Coggon	18	1700CST			0	0			Hail (2.00)
Numerous reports of hail damage.									
Linn County Fairfax	18	1700CST			0	0			Thunderstorm Wind (G61)
Tree damage and report of 70 mph winds.									
Delaware County Hopkinton	18	1705CST			0	0			Hail (4.50)
Dubuque County Peosta	18	1730CST			0	0			Hail (1.75)
Johnson County Oxford	18	1735CST			0	0	1K		Hail (1.75)
Hail broke several windshields.									
Johnson County Coralville	18	1742CST			0	0			Hail (1.75)
Johnson County Iowa City	18	1745CST 1800CST			0	0	40M		Hail (2.75)
A 15 minute "rain" of baseball sized hail caused \$30 to \$50 million dollars of damage. One insurance agent said "this was the worst storm since 1967." He went on to say; "everyone he insures who has a skylight now has a broken skylight." This included the skylights over the swimming pool in the downtown Iowa City Holliday Inn. The average home claim was \$3500 and the average car claim was \$2500. The hail caused widespread damage to individuals cars and between 300 and 500 thousand dollars worth of damage to each of four car dealerships interviewed.									
Dubuque County Dubuque	18	1750CST			0	0			Hail (1.75)
Cedar County .5 S Rochester	18	1823CST			0	0			Hail (1.00)
Scott County Davenport	18	1858CST			0	0			Hail (1.00)
Scott County Davenport	18	1858CST			0	0			Hail (0.75)
Scott County Bettendorf	18	1900CST	0	10	0	0			Tornado (F0)
Brief tornado touchdown near 18th and Middle Road.									
Scott County Bettendorf	18	1914CST			0	0			Hail (0.75)
Muscatine County Muscatine	18	1930CST			0	0			Hail (1.75)
Des Moines County Burlington	18	1953CST			0	0			Thunderstorm Wind (G50)
A very costly hailstorm passed across northeast Iowa into extreme northwestern Illinois, bringing several waves of hail greater than 1.5 inches. While there were a few reports of tornadoes; by far the most significant damage was done by large hail. In particular the hailstorm which hit Iowa City did around 40 million dollars of damage in just fifteen minutes.									

IOWA, Northeast

NONE REPORTED.

IOWA, Northwest

IAZ001-012-020 Lyon - Sioux - Plymouth	01	0000CST			0	0			Flood
	13	0600CST							
Flooding from spring snowmelt continued along the Big Sioux River at the beginning of May. Although secondary crests occurred early in the month, flooding was still well down from early April. Farmland and other lowland flooding abated as the river fell below flood stage by the middle of May.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>IOWA, Northwest</u>									
Buena Vista County									
Rembrandt to 2 E Rembrandt	07	0852CST 0910CST			0	0	20K		Thunderstorm Wind (G61)
									Thunderstorm winds blew down several barns and uprooted trees.
Buena Vista County									
Albert City	07	0920CST 0925CST			0	0	5K		Thunderstorm Wind (G52)
									Thunderstorm winds caused tree damage and minor damage to structures.
<u>IOWA, Southwest</u>									
IAZ055									
Harrison									
01		0000CST			0	0			Flood
03		1200CST							
									Flooding along the Missouri river continued as a result of snowmelt runoff from the northern plains and subsequent high releases from upstream dams.
IAZ069									
Pottawattamie									
01		0000CST			0	0			Flood
20		1200CST							
									Flooding along the Missouri river continued as the result of snowmelt runoff from the northern plains and subsequent high releases from upstream dams.
IAZ079-090									
Mills - Fremont									
01		0000CST			0	0			Flood
31		2359CST							
									Flooding along the Missouri river continued as a result of snowmelt runoff from the northern plains and subsequent high releases from upstream dams.
Fremont County									
2 NW Sidney	02	1525CST			0	0			Hail (0.75)
Fremont County									
1 NE Sidney	02	1540CST			0	0			Funnel Cloud
Pottawattamie County									
Council Bluffs	07	1524CST			0	0			Hail (0.75)
									South of Iowa School for the Deaf near junction of Highways 275 and 92.
IAZ043-055>056-069-079>080-090>091									
Monona - Harrison - Shelby - Pottawattamie - Mills - Montgomery - Fremont - Page									
	13	0100CST 0800CST			0	0			Extreme Cold
									A record breaking late season cold snap generated the latest freeze on record over portions of southwest Iowa as temperatures dipped into the 26-32F degree range. Some minor crop and fruit tree damage resulted from the cold temperatures. This was especially true in low lying areas since the cold air tended to drain into those areas. Damage was generally minor as many of the plants had just begun to emerge and were not particularly susceptible to the cold.
Page County									
College Spgs	16	1805CST			0	0			Hail (1.00)
Page County									
Blanchard	16	1810CST			0	0			Hail (1.00)
<u>KANSAS, East</u>									
Ottawa County									
Minneapolis	07	1523CST 1537CST			0	0	800K		Hail (1.25)
									An extended period of hail fell mainly on the north side of Minneapolis as well as much of the surrounding counties. The hail destroyed at least 5000 acres of crops.
Cloud County									
Jamestown	07	1536CST			0	0			Hail (1.00)
Clay County									
5 NE Clay Center	07	1545CST			0	0			Hail (1.00)
Clay County									
1 N Clay Center	07	1545CST			0	0			Hail (0.75)
Ottawa County									
Bennington	07	1558CST			0	0			Thunderstorm Wind (G61)
Nemaha County									
Sabetha	07	1600CST 1700CST			0	0	10K		Flash Flood

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, East</u>									
Three to four inches of rain in less than 45 minutes produced widespread flooding of roads and lowlands. Some roads were covered with several feet of water. One store in town was damaged from the high water.									
Ottawa County 5 NE Bennington to Verdi	07	1606CST 1616CST	5	25	0	0	80K		Tornado (F0)
A tornado touched down briefly at several locations along a five mile path. It produced most of its damage 5 to 6 miles southeast of Bennington where it tore off shingles and blew out windows on one house and damaged two barns, including some of the farm machinery inside. The tornado also knocked over several trees.									
Nemaha County Bern	07	1608CST			0	0			Hail (0.75)
Nemaha County Sabetha	07	1615CST			0	0			Hail (1.00)
Nemaha County 3 S Sabetha to 23 S Sabetha	07	1615CST			0	0	40K		Thunderstorm Wind (G52)
A Strong wind gust levelled two barns.									
Marshall County Frankfort	07	1629CST			0	0			Hail (1.00)
Brown County 2 SW Morrill to 5 SW Morrill	07	1650CST			0	0	5K		Thunderstorm Wind (G52)
Strong winds damaged a barn.									
Dickinson County Talmage	07	1650CST			0	0			Thunderstorm Wind (G52)
Brown County Morrill	07	1705CST			0	0			Hail (1.00)
Riley County 1 N Keats	07	1715CST			0	0	25K		Lightning
Lightning set fire to a house.									
Dickinson County Herington	07	1715CST			0	0			Hail (1.25)
Morris County 3 NW Council Grove	07	1809CST	0.1	25	0	0			Tornado (F0)
County sheriff reported that a tornado touched down briefly but produced no damage.									
Morris County 5 E Council Grove	07	1818CST			0	0			Thunderstorm Wind (G56)
Strong winds broke a few large tree limbs.									
Douglas County Lawrence	07	1835CST			0	0			Lightning
Lightning set fire to a home but caused minimal damage.									
Douglas County Lawrence	07	1840CST			0	0			Lightning
Several hundred residents lost power after lightning struck an electrical substation.									
Lyon County Admire	07	1900CST			0	0			Thunderstorm Wind (G52)
Lyon County Reading	07	1917CST			0	0			Thunderstorm Wind (G52)
Coffey County Lebo	07	1927CST			0	0			Hail (0.75)
Douglas County Lawrence	07	2010CST			0	0			Lightning
Lightning produced minor damage to the chimney of a house.									
Anderson County Welda	07	2021CST			0	0			Hail (0.75)
Cloud County 2 S Glasco	16	1515CST			0	0			Hail (1.50)
Ottawa County 3 W Delphos	16	1547CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Ottawa County									
Ada	16	1605CST			0	0			Hail (0.75)
Ottawa County									
Minneapolis	16	1645CST			0	0			Hail (0.75)
Marshall County									
Waterville	16	1658CST			0	0			Hail (0.75)
Ottawa County									
6 N Bennington	16	1658CST			0	0			Hail (0.75)
Marshall County									
Waterville	16	1700CST			0	0			Hail (1.00)
Marshall County									
2 W Blue Rapids	16	1716CST			0	0			Hail (1.00)
Marshall County									
6 S Blue Rapids	16	1734CST			0	0			Hail (1.00)
Marshall County									
Summerfield	16	1743CST			0	0			Hail (0.75)
Pottawatomie County									
1 NW Westmoreland	16	1810CST			0	0			Hail (0.75)
Riley County									
Manhattan	16	1813CST			0	0			Hail (1.00)
Pottawatomie County									
6 W Westmoreland	16	1830CST			0	0			Hail (0.75)
		Large hail covered the ground.							
Riley County									
Manhattan	16	1830CST			0	0			Hail (1.00)
Marshall County									
Lillis	16	1835CST			0	0			Hail (0.75)
		Large hail covered the ground.							
Pottawatomie County									
Wamego	16	1852CST 1900CST			0	0			Hail (0.75)
Brown County									
Morrill	16	1935CST			0	0			Thunderstorm Wind (G61)
Nemaha County									
2 W Sabetha	16	1941CST			0	0			Thunderstorm Wind (G61)
Brown County									
Horton	16	2005CST			0	0			Hail (0.75)
Jefferson County									
3 S Oskaloosa	16	2100CST			0	0	2K		Thunderstorm Wind (G52)
		Strong winds damaged a barn.							
Douglas County									
7 W Lawrence	16	2145CST			0	0	1K		Thunderstorm Wind (G60)
		Strong winds knocked over a camper at Clinton State Park.							
Douglas County									
10 S Lawrence	16	2200CST			0	2	10K		Thunderstorm Wind (G60)
		Strong winds damaged a barn and tore the roof off a mobile home, injuring two people.							
Dickinson County									
2 SW Carlton	17	1636CST			0	0			Hail (0.75)
Dickinson County									
1 SW Elmo	17	1641CST			0	0			Hail (1.00)
Dickinson County									
5 S Navarre	17	1652CST			0	0			Thunderstorm Wind (G52)
Dickinson County									
5 S Navarre	17	1652CST			0	0			Hail (0.75)
Dickinson County									
Carlton	17	1710CST			0	0			Hail (0.75)
Geary County									
5 W Junction City	17	1735CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Geary County									
Junction City	17	1735CST			0	0			Hail (1.25)
Geary County									
Junction City	17	1736CST 1741CST			0	0			Hail (1.75)
Wabaunsee County									
Alta Vista	17	1752CST			0	0			Hail (0.75)
Wabaunsee County									
Alma	17	1815CST			0	0			Hail (0.75)
Wabaunsee County									
Alma	17	1818CST			0	0			Hail (1.00)
Wabaunsee County									
Keene	17	1840CST			0	0			Hail (0.75)
Osage County									
3 W Carbondale	17	1845CST			0	0			Funnel Cloud
			County sheriff reported a funnel cloud.						
Shawnee County									
Dover	17	1845CST			0	0			Hail (0.75)
Osage County									
Scranton	17	1845CST			0	0			Hail (1.00)
Shawnee County									
Dover	17	1845CST			0	0			Thunderstorm Wind (G52)
Osage County									
Carbondale	17	1846CST			0	0			Hail (1.00)
Osage County									
1 S Carbondale	17	1847CST			0	0			Hail (1.25)
Osage County									
1 S Carbondale	17	1850CST			0	0			Thunderstorm Wind (G52)
Osage County									
Overbrook	17	1852CST 1854CST			0	0			Hail (1.75)
Marshall County									
Marysville	17	1936CST			0	0			Hail (1.00)
Jefferson County									
Williamstown	17	1940CST			0	0			Hail (0.75)
Douglas County									
Globe	17	1942CST			0	0			Thunderstorm Wind (G69)
Marshall County									
4 E Marysville	17	1942CST			0	0			Hail (1.00)
Nemaha County									
9 N Seneca	17	1945CST			0	0			Hail (0.75)
Nemaha County									
10 N Seneca	17	2005CST			0	0			Hail (0.75)
Anderson County									
Garnett	17	2033CST			0	0			Hail (0.75)
Morris County									
Diamond Spgs	18	1751CST			0	0			Hail (1.00)
Shawnee County									
Berryton	18	1818CST			0	0			Hail (0.75)
Shawnee County									
Pauline	18	1818CST 1826CST			0	0			Hail (1.00)
Morris County									
4 W Council Grove	18	1825CST			0	0			Funnel Cloud
Shawnee County									
Topeka Forbes Fld	18	1826CST			0	0			Hail (1.00)
Wabaunsee County									
10 W Eskridge	18	1845CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, East</u>									
Shawnee County									
Auburn	18	1850CST			0	0	1K		Thunderstorm Wind (G52) Strong winds damaged a shed along Auburn Road between the intersections 69th and 77th streets. The strong winds also knocked down 8 power line poles.
Jefferson County									
7 NW Perry	18	1855CST			0	0			Hail (1.25)
Jefferson County									
5 E Grantville	18	1856CST			0	0			Hail (0.75)
Jefferson County									
Perry	18	1859CST 1905CST			0	0	1M		Hail (2.75) Hail up to baseball size caused extensive damage to at least 14 homes and smashed the windshields of several vehicles.
Osage County									
Vassar	18	1900CST			0	0			Hail (1.00)
Shawnee County									
Topeka Forbes Fld	18	1915CST			0	0			Hail (0.75)
Shawnee County									
1 SW Topeka	18	1920CST			0	0			Hail (1.00)
Shawnee County									
1 SW Topeka	18	1920CST			0	0			Thunderstorm Wind (G50) Strong winds downed several power lines and road signs.
Jefferson County									
6 S Oskaloosa	18	1933CST			0	0			Hail (0.75)
Shawnee County									
Topeka Billard Arpt	18	1935CST			0	0			Hail (0.75)
Jefferson County									
5 S Mc Louth	18	1950CST			0	0			Hail (0.75)
Dickinson County									
4 SW Carlton	18	1957CST			0	0			Hail (0.75)
Douglas County									
1 S Lecompton	18	2000CST			0	0			Hail (1.75)
Jefferson County									
5 S Oskaloosa	18	2000CST			0	0			Hail (0.75)
Jefferson County									
5 S Oskaloosa	18	2000CST			0	0			Thunderstorm Wind (G52)
Jefferson County									
Oskaloosa	18	2010CST			0	0			Hail (1.00)
Osage County									
4 N Quenemo	18	2030CST			0	0	1K		Thunderstorm Wind (G52) Strong winds damaged a mobile home.
Franklin County									
2 N Ottawa	18	2105CST			0	0			Hail (0.75)
Franklin County									
2 SE Ottawa	18	2105CST			0	0			Hail (0.75)
Ottawa County									
Minneapolis	23 24	2200CST 0040CST			0	0			Flash Flood Heavy rain caused the Lindsay Creek to flood US highway 81 east of Minneapolis which received about 4 inches of rainfall during the evening of the 23rd. Flooding also occurred on several roads in the county, mainly on lower bridges.
Clay County									
Clay Center	23 24	2200CST 0040CST			0	0			Flash Flood Clay Center received 4.9 inches of rain during the middle to late evening of the 23rd with many other sections of the county receiving 2 to 3 inches of rain. The heavy rain caused extensive flooding of lowlands with many roads flooded as well.
Riley County									
Riley	23 24	2340CST 0200CST			0	0			Flash Flood Locally heavy rain exceeding 3 inches in some spots caused flooding of several roads in the north half of the county in an area extending from the town of Riley north to Tuttle Creek State Park.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, East</u>									
Pottawatomie County									
Westmoreland	23	2340CST			0	0			Flash Flood
	24	0200CST							
Locally heavy rain in excess of 3 inches produced flooding of several roads, especially in low lying areas west of Westmoreland in the vicinity of Tuttle Creek Lake.									
KSZ021									
Clay									
	24	0600CST			0	0	50K		Flood
		1800CST							
The pressure of high water in the Chapman Creek, which resulted from 2 to 4 inches of rain which fell the previous night, caused a levee to break near the town of Industry. The water flooded the basements of several houses.									
Wabaunsee County									
8 SE Alma	25	1928CST			0	0			Hail (1.00)
Wabaunsee County									
2 S Maple Hill	25	1950CST			0	0			Hail (2.00)
Wabaunsee County									
2 NE Keene	25	1950CST	0.1	25	0	0			Tornado (F0)
A tornado touched down briefly in the extreme east central part of the county between the towns of Keene and Dover.									
Wabaunsee County									
Paxico	25	1950CST			0	0	2K		Thunderstorm Wind (G60)
Strong winds broke windows out of several homes.									
Franklin County									
Williamsburg	25	2039CST			0	0			Hail (0.75)
Shawnee County									
2 E Dover	25	2045CST			0	0			Thunderstorm Wind (G52)
Douglas County									
Lone Star	25	2113CST			0	0			Hail (0.75)
<u>KANSAS, Extreme Southeast</u>									
Bourbon County									
Hiatville	07	2143CST			0	0			Hail (0.75)
Crawford County									
Arcadia	13	2020CST			0	0			Hail (0.88)
Cherokee County									
Faulkner to Baxter Spgs	26	1909CST			0	0	60K	30K	Hail (1.75)
		1929CST							
Golfball size hail fell in a four mile wide, ten mile long path from near Faulkner to Baxter Springs in the southern part of the county. Hail caused damage to roofs and windows to about 30 farmsteads and affected about 4000 acres of wheat, 300 acres of corn and 300 acres of beans.									
Cherokee County									
Baxter Springs	26	2200CST			0	0	0	0	Flash Flood
Up to 3 inches of rain caused flooding of roads in the Baxter Springs area. Flooding was also reported in the Galena area.									
Cherokee County									
Galena	30	0930CST			0	0	0	0	Hail
Heavy rains closed the intersection for Clem Road and Highway 69.									
<u>KANSAS, North Central</u>									
Jewell County									
Randall	07	1510CST			0	0	0	0	Hail (0.88)
Rooks County									
5 S Palco	25	1539CST			0	0	0	75K	Hail (1.75)
Phillips County									
6 SW Phillipsburg	26	1750CST			0	0	0	0	Hail (0.75)
<u>KANSAS, Northeast</u>									
KSZ025-103									
Atchison - Leavenworth									
	01	0000CST			0	0			Flood
	16	2359CST							
The Missouri River remained in flood through the middle of May. The river had been in flood since mid April.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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KANSAS, Northeast

Missouri River

Atchison, KS

Flood Stage	22 ft
Above Flood Stage	5/1 to 5/16
Crest	23.7 ft back on 4/11

Leavenworth, KS

Flood Stage	20ft
Above Flood Stage	5/1 to 5/12
Crest	21.8 ft back on 4/11

Doniphan County

**Doniphan to
Highland**

07	1830CST								
	2030CST	0	0						Urban/Sml Stream Fld

Thunderstorms dropped 1 to 3 inches of rain across the county resulting highway flooding. County sherrif office reported running water on numerous county roads.

Linn County

Centerville

07	2040CST								
		0	0						Hail (1.00)

The Linn County Sheriff's office reported golfball-size hail in Centerville during a severe thunderstorm.

Atchison County

Effingham

16	2030CST								
		0	0						Hail (0.75)

The county sheriff's office reported dime-size hail along the south side of Effingham just off Highway 159.

Miami County

3 E Hillsdale

17	1820CST								
		0	0						Hail (2.00)

A severe weather spotter reported 2 inch diameter hail in a severe thunderstorm along Highway 169 about 3 miles east of Hillsdale.

Miami County

**2 E Paola to
3 SE Hillsdale**

17	1835CST								
	1934CST	0	0						Hail (4.50)

A slow moving super cell type severe thunderstorm developed over Miami County during the evening and produced numerous reports of large hail. Golfball-size hail was reported in and around Paola. Softball-size hail, approximately 4.5 inches in diameter, was reported by a spotter 3 miles southeast of Hillsdale.

Johnson County

Aubry

17	1848CST								
		0	0						Hail (0.75)

Dime-size hail was reported in a severe thunderstorm near Aubry.

Miami County

Louisburg

17	1935CST								
	2021CST	0	0						Thunderstorm Wind (G70)

Strong winds from the same severe thunderstorm that dropped the large hail near Paola produced damaging winds in the Louisburg area. Winds gusted to 70 MPH in downtown Louisburg and were also reported by a spotter at the intersection of Highways 169 and 58.

Miami County

Osawatomie

17	2010CST								
		0	0						Hail (1.75)

A severe weather spotter reported golfball-size hail near Osawatomie during a slow moving super cell severe thunderstorm.

Linn County

Parker

17	2027CST								
	2030CST	0	0						Thunderstorm Wind (G70)

Severe thunderstorm winds gusted to 70 MPH at Parker.

Linn County

5 E Parker

17	2040CST								
		0	0						Hail (1.75)

The same super cell severe thunderstorm that produced 70 MPH winds in Parker, dropped golfball-size hail 5 miles east of Parker.

Leavenworth County

**Lansing to
Jarbalo**

18	1911CST								
	1917CST	0	0						Hail (1.75)

The Leavenworth County Sheriff's office reported golfball-size hail during a severe thunderstorm in Lansing, Jarbalo and Basehor.

Leavenworth County

4 W Springdale

18	2021CST								
		0	0						Hail (1.00)

Quarter-size hail was reported by the county sheriff's office 4 miles west of Springdale.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Northeast</u>									
Miami County 8 NW Paola to 8 NW Hillsdale	18	2113CST			0	0			Hail (1.75)
A Ham radio operator reported golfball-size hail in the community of Hillsdale Lake about 8 miles northwest of Paola.									
Miami County Hillsdale	18	2200CST 2300CST			0	0			Flash Flood
Thunderstorms dropped 1 to 3 inches of rain over Miami County on top of the several inches of rain that fell the previous day. This resulted in flash flooding in the Hillsdale area. The county sheriff's office reported water covering Old KC Road a mile south of Hillsdale and a foot of water over 255th St west of Highway 169 in town.									
Miami County New Lancaster	26	2230CST 2330CST			0	0			Flash Flood
Thunderstorms produced 1 to 3 inches of rain in a two hour time frame. Numerous streets were flooded in New Lancaster . The main road through New Lancaster was closed due to high water on the roadway.									
KSZ060									
	27	0000CST			0	0			Flood
	29	2359CST							
Thunderstorms dropped 1 to 3 inches of rain across Miami County and Northern Linn County. The runoff from this rain caused minor to moderate river flooding on the Marais Des Cygnes.									
Marais Des Cygne River									
La Cygne, KS									
			Flood Stage	25 ft					
			Above Flood Stage	5/27 to 5/29					
			Crest	28.02 ft on 5/28					
Trading Post, KS									
			Flood Stage	25 ft					
			Above Flood Stage	5/28 to 5/29					
			Crest	25.41 ft on 5/28					
<u>KANSAS, Northwest</u>									
Sherman County 13 NNE Edson	01	1355MST			0	0			Hail (1.00)
Rawlins County 5 SE Mc Donald	01	1515CST			0	0			Hail (0.88)
KSZ001>002-013>014- 027>028-041>042									Cheyenne - Rawlins - Sherman - Thomas - Wallace - Logan - Greeley - Wichita
	02	0900MST 1800MST			0	0			High Wind (G52)
Wind gusts up to 70 mph knocked out power and overturned a cattle truck. Wind gusts reported in miles per hour were Brewster 70 mph, St. Francis 69, Atwood 66, Bird City 65, Goodland 65, Grinnell 62, Leoti 62. There was 1 minor injury in the truck accident.									
Rawlins County 10 SSW Atwood	06	1720CST 1740CST			0	0			Hail (1.00)
Sherman County Goodland	06	1755MST			0	0			Hail (1.00)
Three quarter inch hail also reported at 547 pm in Goodland.									
Greeley County 14 SSE Tribune	18	1705MST			0	0			Hail (0.75)
Greeley County 14 SSE Tribune	18	1705MST			0	0			Thunderstorm Wind (G54)
Greeley County 14 SSE Tribune	18	1720MST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Northwest</u>									
Sherman County (Gld)Renner Fld Good	18	1738MST			0	0			Thunderstorm Wind (G52)
									Gust to 66 mph also reported at KLOE Radio 2 miles south of Goodland at 543 pm.
Rawlins County 20 SSE Herndon	18	1920CST			0	0			Thunderstorm Wind (G52)
									Spotter reported 10 branches 2 inches in diameter were downed.
Sherman County 8 NE Goodland	24	1745MST			0	0			Hail (1.00)
Sherman County 1 NNE Ruleton	24	1755MST			0	0			Hail (0.75)
Cheyenne County 15 SW St Francis to 20 SW St Francis	24	1807CST			0	0			Hail (2.50)
									Hail and wind damaged 37,000 acres of wheat.
Thomas County 6 SE Mingo	24	2001CST			0	0			Thunderstorm Wind (G52)
Gove County Grinnell	24	2003CST			0	0			Hail (1.00)
Thomas County 7.5 N Brewster	24	2030CST			0	0			Hail (0.75)
Thomas County 11 N Levant	24	2130CST			0	0			Hail (1.75)
									Golfball hail and wind broke windows.
Rawlins County 16 S Beardsley	24	2150CST			0	0			Hail (0.75)
Thomas County 8 NW Colby	24	2158CST			0	0			Hail (0.75)
Gove County 14 S Quinter	25	1510CST			0	0			Hail (1.00)
Sheridan County 14 S Hoxie	25	1616CST			0	0			Hail (0.75)
Gove County Gove	25	1638CST			0	0			Hail (1.75)
Gove County 4 ENE Quinter	25	1650CST			0	0			Hail (1.00)
Graham County 3 W Hill City	25	1715CST			0	0			Hail (0.75)
Cheyenne County Bird City	26	1250CST			0	0			Hail (0.75)
Rawlins County 15 SW Atwood	26	1330CST			0	0			Hail (0.75)
Thomas County 7 NW Rexford	26	1410CST			0	0			Hail (0.75)
<u>KANSAS, Southeast</u>									
Chautauqua County Niotaze	05	1030CST			0	0			Hail (0.75)
Harper County 2 SW Corbin	07	1603CST			0	0			Hail (1.00)
Harper County 1 N Waldron	07	1619CST			0	0			Hail (1.00)
Harper County Waldron	07	1622CST			0	0			Hail (1.75)
Harper County Waldron	07	1700CST			0	0			Hail (1.75)
Harper County 2 NE Waldron	07	1705CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Harvey County 2 SW Patterson to 15 E Patterson	25	1836CST	1	50	0	0			Tornado (F0)
Mcperson County Lindsborg	07	1702CST			0	0			Hail (1.00)
Saline County 2 S Hedville	07	1713CST			0	0			Hail (0.75)
Saline County 5 W Salina	07	1715CST			0	0			Hail (1.75)
Mcperson County Lindsborg	07	1730CST			0	0			Hail (1.75)
Saline County 8 SW Salina	07	1741CST			0	0			Hail (1.75)
Mcperson County 5 E Lindsborg	07	1743CST			0	0			Hail (1.75)
Saline County 5 S Salina	07	1745CST			0	0			Hail (2.75)
Mcperson County 4 W Roxbury	07	1755CST			0	0			Hail (1.25)
Saline County 1 N Salina Arpt	07	1800CST			0	0			Hail (0.75)
Mcperson County 5 S Roxbury	07	1822CST			0	0			Hail (1.75)
Mcperson County 4 N Canton	07	1822CST			0	0			Hail (1.75)
Mcperson County Mc Pherson	07	1844CST			0	0			Hail (0.75)
Marion County Hillsboro	07	1850CST			0	0			Hail (0.75)
Mcperson County Moundridge	07	1907CST			0	0			Hail (0.75)
Marion County 3 N Burns	07	1950CST			0	0			Hail (0.75)
Neosho County Chanute	13	1946CST			0	0			Hail (1.00)
Butler County Douglass	13	2020CST			0	0			Thunderstorm Wind (G52)
Butler County Douglass	13	2025CST			0	0			Hail (1.00)
Butler County Douglass	13	2029CST			0	0			Hail (0.88)
Elk County 9 NW Moline	13	2040CST			0	0			Hail (0.75)
Cowley County 4 E Udall	13	2042CST			0	0			Hail (1.00)
Cowley County Burden	13	2051CST			0	0			Hail (1.00)
Cowley County Wilmot	13	2052CST			0	0			Hail (4.50)
Cowley County New Salem	13	2105CST			0	0			Hail (1.00)
Cowley County Winfield	13	2107CST			0	0			Thunderstorm Wind (G52)
Cowley County Winfield	13	2107CST			0	0			Hail (1.00)
Chautauqua County Sedan	13	2110CST			0	0			Thunderstorm Wind (G61)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Chautauqua County									
Sedan	13	2110CST			0	0			Hail (1.00)
Cowley County									
5 S Burden	13	2116CST			0	0			Hail (0.75)
Cowley County									
Dexter	13	2116CST			0	0			Hail (1.00)
Cowley County									
Dexter	13	2150CST			0	0			Hail (1.00)
Russell County									
Russell	16	1629CST			0	0			Hail (0.75)
Barton County									
Hoisington	16	1736CST			0	0			Hail (1.00)
Mcperson County									
8 N Mc Pherson	17	1600CST			0	0			Hail (1.00)
Saline County									
Gypsum	17	1622CST			0	0			Hail (1.75)
Saline County									
Salina Arpt	17	1624CST			0	0			Hail (1.00)
Saline County									
Salina Arpt	17	1627CST			0	0			Hail (1.50)
Saline County									
Salina	17	1628CST			0	0			Hail (1.75)
Harvey County									
Hesston	17	1827CST			0	0			Hail (1.50)
Marion County									
Peabody	17	1842CST			0	0			Hail (1.75)
Butler County									
5 W Cassoday	17	1950CST			0	0			Hail (0.88)
Mcperson County									
6 SW Inman	18	1637CST			0	0			Hail (0.75)
Reno County									
5 W Nickerson	18	1647CST	0.5	50	0	0			Tornado (F0)
Reno County									
5 W Nickerson	18	1707CST	0.5	50	0	0			Tornado (F0)
Reno County									
1 W Sylvia	18	1743CST	0.2	50	0	0			Tornado (F0)
Kingman County									
3 S Cunningham	18	1910CST			0	0			Hail (0.75)
Barton County									
Highway 281 to Crossed Highway 281	25	1520CST 1532CST	3	100	0	0			Tornado (F0)
Russell County									
3 E Milberger to 4 E Milberger	25	1525CST 1528CST	1	100	0	0	20K	0	Tornado (F0)
TWO (2) FARM BUILDINGS DESTROYED 11 MILES SOUTH OF RUSSELL OR 3 MILES EAST OF MILBERGER.									
Russell County									
2 N Milberger	25	1525CST 1530CST			0	0			Hail (1.75)
Barton County									
3 N Claflin	25	1610CST 1614CST	1	100	0	0			Tornado (F0)
Barton County									
6 N Claflin	25	1616CST 1622CST	1	100	0	0			Tornado (F0)
Ellsworth County									
5 N Holyrood	25	1635CST	0.5	50	0	0			Tornado (F0)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Ellsworth County 5 SW Blackwolf	25	1635CST 1637CST			0	0	50K	0	Hail (2.75)
									BASEBALL-SIZED HAIL DAMAGED SOME WHEAT AND CARS AS WELL AS BROKE ALL THE WINDOWS ON ONE SIDE OF A FARMHOUSE. NOTE! THE TIME OF THIS EVENT IS AN ESTIMATE BASED ON THE FOLLOWING: 1) THE TIMES OF THE 3 WESTERN ELLSWORTH COUNTY TORNADOES AND 2) THE POSITIONING AND TIMING OF THIS EVENT RELATIVE TO THE TORNADOES AS PROVIDED TO A NEWSPAPER.
Ellsworth County 8 W Ellsworth to 7 W Ellsworth	25	1636CST 1638CST	1	100	0	0			Tornado (F0)
Rice County Geneseo	25	1700CST			0	0			Hail (1.75)
Ellsworth County 2 N Geneseo	25	1715CST			0	0			Thunderstorm Wind (G61)
Russell County Gorham	25	1715CST			0	0			Hail (0.75)
Mpherson County Marquette	25	1715CST 1730CST			0	0	50K	0	Thunderstorm Wind (G61)
									SEVERE THUNDERSTORM WINDS CAUSED THE FOLLOWING DAMAGE: WIDESPREAD TREE DAMAGE, DESTROYED ANIMAL HOUSING, BLEW OVER A WINDMILL, TORE PART OF A ROOF OFF A SHED AS WELL AS SLIGHTLY MOVING THE SHED FROM IT'S FOUNDATION, COMPLETELY DESTROYED A MACHINE SHED DAMAGING MUCH OF IT'S CONTENTS, TIPPED OVER 2 SECTIONS OF A PIVOT IRRIGATION SYSTEM AND BLEW A SECOND IRRIGATION SYSTEM FROM ONE FARM ACROSS AN EIGHT FOOT DRAINAGE DITCH AND INTO AN ADJACENT FARM.
Russell County Gorham	25	1724CST			0	0			Hail (1.00)
Ellsworth County 3 S Holyrood	25	1730CST	0.5	50	0	0			Tornado (F0)
Mpherson County Mc Pherson	25	1730CST			0	0			Thunderstorm Wind (G65)
									CANOPY BLOWN OFF A CONOCO SERVICE STATION AND INTO THE STREET. NOTE! THE EVENT TIME IS AN ESTIMATE BASED ON AN EARLIER REPORT IN MARQUETTE. THIS EVENT WAS RETRIEVED FROM A NEWS REPORT.
Kingman County Zenda	25	1750CST			0	0			Hail (1.00)
Reno County 1 N Hutchinson	25	1753CST			0	0			Hail (1.00)
Reno County Hutchinson	25	1755CST			0	0			Hail (1.75)
Reno County Hutchison	25	1757CST			0	0			Hail (1.75)
Kingman County 10 W Duquoin	25	1800CST	0.5	50	0	0			Tornado (F0)
Harper County 10 N Attica	25	1801CST 1805CST	1	50	0	0			Tornado (F0)
Mpherson County 1 W Mc Pherson	25	1816CST			0	0			Thunderstorm Wind (G61)
Mpherson County Galva	25	1823CST			0	0			Thunderstorm Wind (G61)
Marion County Marion Lake	25	1830CST			0	0			Thunderstorm Wind (G52)
Harper County 1 E Anthony	25	1835CST	0.5	50	0	0			Tornado (F0)
Reno County 6 E Haven to 8 E Haven	25	1835CST 1843CST	2	100	0	0	250K	0	Tornado (F0)
									FOUR (OF EIGHT) TOWERS OF A PIVOT IRRIGATION SYSTEM DAMAGED.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Harper County 7 E Anthony to 8 E Anthony	25	1848CST 1850CST	1	50	0	0			Tornado (F0)
Sumner County Milan	25	1900CST			0	0			Hail (1.75)
Harvey County Burrton	25	1923CST 1930CST	1	100	0	0	75K	0	Tornado (F1) ONE HOME DEMOLISHED, THE ROOF A SECOND HOME DAMAGED AND ONE SHED LEVELED.
Sumner County 2 S Perth to 6 E Perth	25	1935CST 1955CST	8	1700	0	0	1.9M	0	Tornado (F2) TWO (2) FARMSTEADS WERE HEAVILY DAMAGED THAT INCLUDED A 90-YEAR OLD BARN, 2 HOMES, 3 MACHINE SHEDS, A GARAGE AND THE MACHINERY THAT IT HOUSED AS WELL AS NUMEROUS CROPS. A CO-OP LOST A LARGE GRAIN BIN. TREE DAMAGE WAS EXTENSIVE THAT INCLUDED LARGE TREES THAT WERE COMPLETELY UPROOTED.
Harvey County Newton	25	1947CST			0	0			Hail (1.75)
Sumner County 1 E Rome to 10 E Rome	25	2000CST 2028CST	9	100	0	0			Tornado (F0) PER DAMAGE SURVEY, APPEARS DISCONTINUOUS TRACK MADE BY SINGLE OR MULTIPLE FUNNELS. MOST DAMAGE CONFINED TO TREES AND THE ROOFS OF A FEW FARMS. NO DAMAGE ESTIMATE AVAILABLE AT THIS TIME.
Butler County 3 NW El Dorado	25	2022CST 2024CST	0.5	50	0	0			Tornado (F0)
Cowley County 8 NW Arkansas City	25	2035CST			0	0			Thunderstorm Wind (G56)
Butler County Hiway 54 @ Gw Co. Ln	25	2040CST 2042CST	1	50	0	0			Tornado (F0)
Butler County 1 N El Dorado	25	2058CST	0.5	50	0	0			Tornado (F0)
Greenwood County Reece	25	2105CST			0	0			Thunderstorm Wind (G61)
Greenwood County Eureka	25	2130CST			0	0			Thunderstorm Wind (G65)
Greenwood County Neal	25	2143CST	0.5	50	0	0			Tornado (F0)
Cowley County Winfield	25	2153CST			0	0			Thunderstorm Wind (G52) POWER LINES DOWNED. SEMI-TRAILER BLOWN AGAINST LOADING DOCK DOORS & DAMAGED AT STROTHER FIELD.
Allen County Iola	25	2245CST			0	0			Thunderstorm Wind (G61)
Montgomery County Coffeyville	25	2245CST			0	0			Hail (0.75)
Neosho County Kimball	25	2315CST			0	0			Hail (0.75)
Chautauqua County Cedar Vale	26	1725CST			0	0			Hail (0.88)
Montgomery County Cherryvale	26	1737CST			0	0			Hail (1.00)
Chautauqua County 4 E Cedar Vale	26	1738CST			0	0			Hail (1.00)
Montgomery County Cherryvale	26	1753CST			0	0			Hail (1.25)
Cowley County Silverdale	26	1801CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southeast</u>									
Chautauqua County									
6 E Cedar Vale	26	1802CST			0	0			Hail (2.50)
Sumner County									
4 SE Belle Plaine	26	1805CST			0	0			Hail (1.00)
Sedgwick County									
Park City	26	1815CST			0	0			Hail (1.00)
Sedgwick County									
Park City	26	1817CST			0	0			Hail (1.75)
Chautauqua County									
Cedar Vale	26	1820CST			0	0			Hail (0.75)
Chautauqua County									
Sedan	26	1825CST			0	0			Hail (0.75)
Montgomery County									
Havana	26	1830CST			0	0			Hail (1.75)
Montgomery County									
Liberty	26	1835CST			0	0			Hail (0.75)
Labette County									
Oswego	26	1835CST			0	0			Hail (1.25)
Butler County									
Benton	26	1850CST			0	0			Hail (1.00)
<u>KANSAS, Southwest</u>									
Finney County									
Holcomb	01	1557CST			0	0			Hail (0.75)
Finney County									
Garden City	01	1615CST			0	0	5K		Thunderstorm Wind
			Trees and power lines blown down in center of town.						
Finney County									
17 ENE Garden City	01	1630CST			0	0			Hail (0.75)
Finney County									
11 SW Garden City	01	1632CST			0	0			Hail (1.75)
Finney County									
Garden City Arpt	01	1648CST			0	0			Hail (0.88)
Hodgeman County									
15 WNW Jetmore	01	1705CST			0	0			Hail (0.75)
Gray County									
7 NNE Charleston	01	1706CST			0	0			Hail (0.88)
Seward County									
Liberal	01	1707CST			0	0			Hail (0.75)
Seward County									
Liberal	01	1710CST			0	0			Hail (1.00)
Hodgeman County									
7 N Jetmore	01	1722CST			0	0			Hail (0.75)
Hodgeman County									
4 S Jetmore	01	1753CST			0	0			Hail (1.00)
Hodgeman County									
4 S Jetmore	01	1753CST			0	0			Thunderstorm Wind (G61)
Pawnee County									
Rozel	01	1805CST			0	0			Hail (0.88)
			Hail 1 to 2 inches deep						
Meade County									
16 SSW Meade	01	1810CST			0	0			Hail (0.88)
Edwards County									
10 N Kinsley	01	1815CST			0	0			Thunderstorm Wind (G52)
Pawnee County									
4 E Rozel	01	1820CST			0	0			Hail (0.75)
Hodgeman County									
8 N Jetmore	01	1835CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Hodgeman County									
Hanston	01	1840CST			0	0			Hail (0.75)
Comanche County									
10 S Protection	01	1925CST			0	0			Hail (0.75)
Hodgeman County									
14 WNW Jetmore	01	1940CST			0	0			Hail (0.75)
Pawnee County									
1 N Sanford	01	1950CST			0	0			Hail (0.75)
KSZ043									
	02	1130CST			0	0			High Wind (G63)
		1200CST							
Gray County									
Cimarron	02	1237CST			0	0			Wind Damage
		Damage to a porch, door and shingles as a cold front moved through.							
Barber County									
Kiowa	07	1521CST			0	0			Hail (0.75)
Barber County									
Kiowa	07	1528CST			0	0			Hail (0.75)
Barber County									
2 E Kiowa	07	1530CST			0	0			Hail (1.00)
Barber County									
Kiowa	07	1530CST			0	0			Hail (1.00)
Barber County									
6 ENE Kiowa to 6 ENESE Kiowa	07	1546CST			0	0			Hail (0.75)
Barber County									
3 S Hazelton	07	1547CST			0	0			Hail (1.50)
Barber County									
Kiowa	07	1600CST			0	0			Hail (0.88)
Ellis County									
3 N Walker	16	1545CST			0	0			Hail (0.75)
Stevens County									
9 NW Hugoton	16	1608CST			0	0			Hail (0.75)
Stevens County									
9 NW Hugoton	16	1608CST			0	0			Thunderstorm Wind (G52)
Pawnee County									
6 N Burdett	16	1630CST			0	0			Hail (0.75)
Stevens County									
Hugoton	16	1632CST			0	0			Hail (0.75)
Pawnee County									
3 SE Burdett	16	1635CST			0	0			Hail (1.00)
Stevens County									
1 NE Feterita	16	1638CST			0	0			Hail (0.88)
Pawnee County									
Rozel	16	1642CST			0	0			Hail (0.75)
Hodgeman County									
13 SE Jetmore to 13 E Jetmore	16	1647CST			0	0			Hail (1.00)
Edwards County									
Kinsley	16	1658CST			0	0			Hail (0.75)
Pawnee County									
11 N Ash Valley	16	1700CST			0	0			Hail (1.00)
Edwards County									
Kinsley	16	1710CST			0	0			Hail (1.00)
Stevens County									
7 NW Feterita	16	1710CST			0	0			Hail (1.75)
Ford County									
Dodge City	16	1725CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Ford County									
Dodge City	16	1735CST			0	0			Hail (1.25)
Ford County									
Dodge City	16	1740CST			0	0			Hail (1.00)
Morton County									
5 WNW Rolla	16	1740CST			0	0			Hail (1.00)
Ford County									
Dodge City	16	1743CST			0	0			Hail (0.75)
Ford County									
Dodge City	16	1747CST			0	0			Hail (0.88)
Ford County									
12 SSW Dodge City	16	1813CST			0	0			Hail (1.00)
			Hail swath 3 miles wide by 15 miles long						
Gray County									
Ensign	16	1824CST			0	0			Hail (1.00)
Gray County									
Ensign	16	1824CST			0	0			Thunderstorm Wind (G56)
Ford County									
11 SW Dodge City	16	1828CST			0	0			Hail (1.00)
Meade County									
7 N Fowler	16	1843CST			0	0			Hail (0.75)
Clark County									
5 W Minneola	16	1850CST			0	0			Hail (0.75)
Meade County									
2 N Fowler	16	1854CST			0	0			Hail (0.88)
Meade County									
1 N Fowler	16	1856CST			0	0			Hail (0.75)
Clark County									
6 SW Minneola	16	1900CST			0	0			Hail (0.75)
Meade County									
16 SSE Meade	16	1905CST			0	0			Hail (1.00)
Clark County									
4 W Minneola	16	1906CST			0	0			Hail (0.88)
Clark County									
4 W Minneola	16	1912CST			0	0			Hail (1.00)
Rush County									
5 ESE Loretta	17	1515CST			0	0			Hail (0.88)
Pratt County									
Preston	18	1638CST			0	0			Hail (0.88)
Pratt County									
8 NE Pratt	18	1642CST			0	0			Hail (0.75)
Pratt County									
6 W Preston	18	1654CST			0	0			Hail (0.75)
Stafford County									
4 S Zenith	18	1720CST			0	0			Hail (1.25)
Pratt County									
3 W Preston	18	1731CST			0	0			Hail (1.75)
Pratt County									
3 W Preston	18	1732CST			0	0			Hail (0.75)
Pratt County									
2 S Preston	18	1755CST			0	0			Hail (1.00)
Hamilton County									
13 NE Syracuse	18	1815CST			0	0			Hail (0.75)
Hamilton County									
13 NE Syracuse	18	1815CST			0	0			Thunderstorm Wind (G52)
Pratt County									
6 SW Preston	18	1817CST			0	0			Hail (2.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Pratt County 3 W Preston	18	1820CST			0	0			Hail (2.75)
Pratt County 3 W Preston	18	1820CST			0	0			Thunderstorm Wind (G52)
Pratt County 10 E Preston	18	1824CST			0	0			Thunderstorm Wind (G52)
Pratt County 2 S Pratt	18	1828CST			0	0			Hail (0.75)
Pratt County 3 E Pratt	18	1831CST			0	0			Hail (1.75)
Pratt County Pratt	18	1835CST			0	0			Hail (1.00)
Kearny County 12 WNW Lakin	18	1840CST			0	0			Hail (1.00)
Pratt County Pratt	18	1844CST			0	0			Thunderstorm Wind (G52)
Kearny County 12 NNW Lakin	18	1850CST			0	0			Thunderstorm Wind (G52)
Pratt County 5 S Cullison	18	1921CST			0	0			Hail (1.00)
Finney County Garden City	18	1925CST			0	0			Hail (0.88)
Pratt County Pratt	18	1925CST			0	0			Hail (1.50)
Finney County Garden City	18	1928CST			0	0			Hail (1.00)
Pratt County 3 S Pratt	18	1930CST			0	0			Flash Flood
		Water over highway 283 and over Coats road							
Stanton County 3 N Johnson	18	1930CST			0	0	4K		Thunderstorm Wind
		Power lines blown down							
Pratt County 5 W Coats	18	1934CST			0	0			Hail (1.75)
Finney County Garden City	18	1937CST			0	0			Thunderstorm Wind (G52)
Pratt County 2 N Croft	18	1950CST			0	0			Hail (0.75)
		Also had 3.5 inches of rain at CROFT							
Finney County Garden City Arpt	18	1958CST			0	0			Thunderstorm Wind (G62)
Grant County 4 S Ulysses	18	2005CST			0	0			Thunderstorm Wind (G52)
Finney County Pierceville	18	2012CST			0	0			Thunderstorm Wind (G52)
Gray County Cimarron	18	2015CST			0	0			Hail (0.88)
Gray County 5 S Cimarron	18	2025CST			0	0			Thunderstorm Wind (G52)
Gray County 4 SW Cimarron	18	2027CST			0	0			Hail (0.88)
Seward County Liberal Arpt	18	2034CST			0	0			Thunderstorm Wind (G51)
Ford County 6 SSW Howell	18	2035CST			0	0			Hail (0.88)
Kiowa County 6 W Belvidere	18	2051CST			0	0			Hail (1.00)
		Hail piled deep - residents of 80 years had never seen hail that deep. Also, had 5 inches of rain.							

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Southwest</u>									
Ford County 9 SW Dodge City to Ford	18	2100CST 2115CST			0	0	15.2K	100K	Thunderstorm Wind
									Swath of 5 miles wide flattened crops, broke branches and destroyed fences.
Ford County 7 SW Dodge City	18	2105CST			0	0	15K		Thunderstorm Wind
									Sprinkler irrigation system damaged...tree limbs down...fence tore down.
Meade County 8 S Plains	18	2105CST			0	0			Thunderstorm Wind (G52)
Ford County 11 SW Dodge City	18	2107CST			0	0			Hail (1.75)
Meade County 11 SW Meade to Collano	18	2120CST			0	0			Hail (0.88)
									Location is Meade State Park
Meade County Meade	18	2127CST			0	0			Thunderstorm Wind (G52)
Kiowa County Belvidere	18	2200CST			0	0			Heavy Rain
									Ten inches of rain fell in 4 hours. Some basements had 8 feet of water in them.
Clark County Ashland	18	2201CST			0	0			Thunderstorm Wind (G56)
Comanche County Protection	18	2206CST			0	0			Hail (0.75)
Clark County 10 N Englewood	18	2227CST			0	0			Thunderstorm Wind (G56)
Pratt County 4 S Pratt	18	2312CST			0	0			Flash Flood
									Water over highway 281
Pratt County 2 E Pratt	18	2355CST			0	0			Flash Flood
									Several roads flooded at the Pratt County Lake.
Hamilton County 1 E Coolidge	22	1750CST			0	0			Hail (0.75)
Stanton County 2 SW Manter	24	1530CST			0	0			Hail (0.88)
Morton County 11 ENE Richfield	24	1625CST			0	0			Hail (0.75)
Grant County 5 S Ulysses	24	1700CST			0	0			Hail (0.75)
Finney County 20 ENE Garden City	24	1735CST			0	0			Hail (1.75)
Finney County 14 ENE Garden City	24	1815CST			0	0			Hail (0.75)
Scott County Scott City	24	1837CST			0	0			Hail (1.00)
Seward County Liberal Arpt	24	1855CST			0	0			Thunderstorm Wind (G51)
Meade County Fowler	24	2010CST			0	0			Hail (0.75)
Meade County Fowler	24	2015CST			0	0			Hail (0.88)
Scott County 13 SE Scott City	25	1515CST 1517CST	2	50	0	0			Tornado (F0)
									Moved very slowly...video taped by pilot.
Finney County 9 NNE Garden City Arpt	25	1529CST 1530CST	0.5	30	0	0	5K		Tornado (F0)
									Simultaneously with another small tornado.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KANSAS, Southwest</u>									
Finney County 10 NNE Garden City Arpt	25	1530CST 1531CST	0.5	30	0	0			Tornado (F0)
Finney County 10 NE Garden City	25	1543CST			0	0			Hail (1.75)
Trego County 17 SW Wakeeney	25	1544CST	0.5	50	0	0			Tornado (F0)
Trego County 14 SW Wakeeney	25	1600CST			0	0			Hail (1.25)
Ellis County 6 NW Hays	25	1617CST			0	0			Hail (1.75)
Ellis County 4 N Hays	25	1633CST			0	0			Hail (1.00)
Ellis County 11 NE Hays	25	1710CST			0	0			Hail (0.75)
Morton County 9 NW Elkhart	28	1509CST			0	0			Hail (0.75)
		Hail completely covered the ground.							
Morton County 5 W Elkhart	28	1515CST			0	0			Hail (0.75)
Meade County 6 E Meade	28	1740CST			0	0			Hail (1.00)
		Hail covered the ground to 6 inches deep.							
Morton County 3 N Richfield	29	1404CST			0	0			Hail (0.88)
Gray County 8 NE Cimarron	29	1410CST			0	0			Hail (0.75)
Ford County 8 NW Dodge City	29	1429CST	0.2	20	0	0			Tornado (F0)
		Very brief tornado filmed by chaser.							
Hodgeman County 20 SW Jetmore	29	1430CST			0	0			Hail (0.75)
Ford County 8 NW Dodge City	29	1431CST	0.3	30	0	0			Tornado (F0)
		Two brief tornadoes filmed by chaser.							
Ford County 8 NW Dodge City	29	1431CST	0.2	30	0	0			Tornado (F0)
Ford County 7 NW Dodge City	29	1439CST 1440CST	0.5	40	0	0			Tornado (F0)
Ford County 5 NW Dodge City to 4 NW Dodge City	29	1442CST 1446CST	1.7	100	0	0			Tornado (F0)
		Fifth tornado filmed by chaser.							
Ford County 8 N Dodge City	29	1455CST			0	0			Hail (0.75)
Ford County 3 N Dodge City	29	1458CST	0.2	20	0	0			Tornado (F0)
		Tornado filmed by another chaser.							
Grant County 1 N Ulysses	29	1500CST			0	0			Hail (0.75)
Grant County Ulysses	29	1515CST			0	0			Hail (0.75)
Grant County 8 SW Ulysses	29	1518CST			0	0			Hail (0.75)
Ford County 8 N Dodge City	29	1523CST			0	0			Hail (0.75)
Ford County Dodge City	29	1537CST			0	0	100K		Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KANSAS, Southwest</u>									
Ford County Dodge City	29	1550CST			0	1			Urban/Sml Stream Fld
									Thirteen year old youth was swept down a drainage ditch and carried 1.5 miles before being rescued.
Morton County 9 NW Elkhart	29	1550CST			0	0			Hail (0.75)
Ford County 12 S Dodge City to 13 SSE Dodge City	29	1600CST 1607CST	5	100	0	0			Tornado (F0)
									Tornado wrapped in rain much of the time, filmed by chaser.
Ford County 11 SE Dodge City	29	1603CST			0	0	10K		Hail (1.75)
Ford County 11 SE Dodge City	29	1603CST			0	0	5K		Thunderstorm Wind (G73)
									Irrigation system overturned.
Ford County Bloom	29	1615CST			0	0			Thunderstorm Wind (G64)
Clark County 6 E Minneola	29	1625CST			0	0			Hail (0.88)
Morton County 12 E Richfield	29	1625CST			0	0			Hail (0.88)
Stanton County 14 SE Johnson	29	1630CST			0	0			Hail (0.88)
Ford County Kingsdown	29	1634CST			0	0			Hail (0.75)
Ford County 2 S Kingsdown	29	1700CST			0	0			Flood
									Water over highway 94.
Morton County 8 NE Elkhart	29	1702CST			0	0			Hail (0.75)
Clark County 12 NE Ashland	29	1704CST			0	0			Hail (0.88)
Comanche County 2 N Protection	29	1723CST			0	0			Hail (0.75)
Clark County 13 N Ashland	29	1740CST			0	0			Flood
									Water over highway 94 1 mile east of Clark Sate Lake.
<u>KENTUCKY, Central</u>									
Larue County 2 E Hodgenville	19	1343EST			0	0	40K		Thunderstorm Wind (G60)
									A spotter reported a semi was blown over and several trees were blown down 2 miles east of Hodgenville.
Breckinridge County Hardinsburg	19	1440EST			0	0			Thunderstorm Wind (G52)
									Dispatch reported trees down.
Mercer County Harrodsburg	19	1615EST 1745EST			0	0			Flash Flood
									Dispatch reported parts of Highway 127 closed due to high waters. Also, the intersection of Cummings Ferry road and Unity Pike near Highway 127 had 3 feet of flowing water across it.
Warren County Bowling Green	19	1745EST 1830EST			0	0			Urban/Sml Stream Fld
									Most streets in Bowling Green had 1-2 inches of water across them. Minor street also reported across other parts of the county.
<u>KENTUCKY, Eastern</u>									
Pulaski County Somerset	01	0035EST			0	0	3K	0	Thunderstorm Wind
									Trees were downed along High Street. Power lines were also downed.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>KENTUCKY, Eastern</u>									
Wayne County 3 NW Mill Spgs	01	0035EST			0	0	10K	0	Thunderstorm Wind
	Part of the roof was blown off of a bi-level house. A large tree and a couple of smaller ones were also blown down.								
Rowan County Morehead	14	1710EST			0	0	0	0	Hail (0.75)
Elliott County Green	14	1740EST			0	0	0	0	Hail (0.88)
Wolfe County Bethany	14	1815EST			0	0	0	0	Hail (0.88)
Breathitt County Vancleve	14	1820EST			0	0	0	0	Hail (0.88)
Magoffin County 5 S Salyersville	14	1845EST			0	0	0	0	Hail (0.75)
Rowan County Elliottville	31	1815EST 1930EST			0	0	5K	0	Flash Flood
	Flash flooding occurred along Christy Creek in eastern Rowan County. People had to be evacuated in the Elliotville area.								
<u>KENTUCKY, Northeast</u>									
KYZ101>103-105 Greenup - Carter - Boyd - Lawrence	11	0600EST			0	0			Cold And Frost
	Temperatures in the lower 30s and frost were common, away from the major rivers. One observer from Grayson of Carter County had 29 degrees for the coldest.								
Boyd County Burnaugh	14	1800EST			0	0			Hail (0.75)
Lawrence County Fallsburg	14	1810EST			0	0			Hail (0.88)
Lawrence County Louisa	14	1845EST			0	0	5K		Hail (0.88)
	Minor damage occurred to a few roofs in town.								
<u>KENTUCKY, Northern</u>									
Grant County 3 W Dry Ridge	19	1640EST 1645EST			0	0	10K		Thunderstorm Wind (G50)
	Camper overturned and roof blown off a shed.								
Pendleton County 2 E Concord	19	1645EST 1650EST			0	0	7K		Thunderstorm Wind (G50)
	Numerous trees downed and a roof was damaged.								
Mason County Countywide	31	2030EST 2359EST			0	0	25K		Flood
	Persistent heavy rainfall caused area creeks and streams to rise out of their banks and across county roads. In Maysville, 4 cars were washed away by the flood waters. The heavy rainfall and flooding continued into June 1st.								
Campbell County Countywide	31	2330EST 2359EST			0	0	10K		Flood
	Persistent heavy rainfall caused may roads to be flooded by area creeks. The heavy rainfall and flooding continued into June 1st.								
<u>KENTUCKY, Southwest</u>									
Muhlenberg County South Carrollton	02	1440CST			0	0			Thunderstorm Wind (G52)
	Large tree limbs were across a road, resulting in a vehicle accident.								
Union County Morganfield	02	2100CST 2330CST			0	0	5K		Flash Flood
	A round of thunderstorms moved over ground saturated by 2 to 3 inches of rain earlier in the day. Water was over U.S. Highway 60 outside of Morganfield. A secondary road was flooded off U.S. 60.								
Carlisle County Bardwell	19	1445CST			0	0			Thunderstorm Wind (G52)
	Three trees were blown down.								

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>KENTUCKY, Southwest</u>									
Fulton County									
Hickman	26	1600CST 1715CST			0	0	20K		Flash Flood
Thunderstorms tracked southeast across Fulton County from southeast Missouri, producing copious rainfall amounts. These storms occurred after 2 to 3 inches of rain fell earlier in the day. Storm water pumps were out of service in Hickman, which contributed to significant flooding of streets there. Creeks rose out of their banks near Fulton.									
Livingston County									
Smithland	28	1600CST 1845CST			0	0			Flash Flood
Slow moving thunderstorms produced rainfall amounts estimated as high as 3 inches in 3 hours from Smithland east across the county. Areas of major flooding affected Highways 60, 70, and 453, but no closures were reported.									
Mccracken County									
Paducah	28	1600CST			0	0	50K		Flash Flood
Slow moving thunderstorms produced rainfall amounts estimated as much as 2 inches per hour over downtown Paducah. The police department reported all major intersections in downtown Paducah were covered by water. Water went over the Crooked Creek bridge. Evacuations were advised for a small neighborhood on the west side of paducah. Several roads were closed by high water.									
Graves County									
Symsonia	28	1845CST 1945CST			0	0			Flash Flood
Slow moving thunderstorms dumped as much as 3 inches of rain over extreme northeast Graves County within 3 hours, according to radar estimates. Although other parts of the county received less rain, there was still some road flooding. Highway 96 was covered with a couple inches of water south of Mayfield.									
Marshall County									
Palma	28	1845CST 1945CST			0	0			Flash Flood
A slow-moving line of thunderstorms produced as much as 3 inches of rain in 3 hours near U.S. 68 in northern Marshall County. U.S. 68 was under water near Palma.									
<u>LOUISIANA, Northeast</u>									
Morehouse Parish									
1 SE Bastrop	02	1525CST			0	0	5K		Thunderstorm Wind
Numerous trees were blown down near Bastrop and several other locations throughout the parish.									
East Carroll Parish									
Lake Providence	02	1545CST			0	0			Hail (0.88)
East Carroll Parish									
5 WSW Lake Providence to 8 ENE Shelburn	02	1545CST 1605CST	13	400	0	0	100K		Tornado (F1)
The tornado touched down 5 miles west-southwest of Lake Providence where it destroyed a shed. It moved to the northeast and moved over a lake at Lake Providence. To the northeast of the lake it destroyed several sheds and destroyed two grain bins. At this point it reached its maximum width. It then moved northeast to near the Mississippi River, but apparently did not cross the river. Many trees were blown down along the path of this storm as well as several power lines.									
West Carroll Parish									
Oak Grove	02	1610CST			0	0			Hail (0.75)
Morehouse Parish									
Dewdrop	02	1630CST			0	0			Hail (0.75)
East Carroll Parish									
Gassoway	02	1645CST			0	0	3K		Thunderstorm Wind
Numerous trees and power lines were blown down and a shed was damaged.									
West Carroll Parish									
Oak Grove	02	2215CST			0	0			Hail (1.00)
Morehouse Parish									
Oak Ridge	27	1830CST			0	0	3K		Thunderstorm Wind
Several trees and power lines were blown down.									
Richland Parish									
Rayville	27	1945CST			0	0	3K		Thunderstorm Wind
Numerous trees and power lines downed throughout Rayville.									
Richland Parish									
Jonesburg	27	2015CST			0	0	5K		Thunderstorm Wind
Numerous trees were blown down throughout the parish.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
LOUISIANA, Northeast									
Madison Parish 3 E Tallulah	27	2055CST			0	0			Thunderstorm Wind (G52)
Concordia Parish Ferriday	28	1600CST 1700CST			0	0			Flash Flood
Numerous roads were flooded throughout the parish.									
Catahoula Parish 5 S Harrisonburg	28	1702CST			0	0	100K		Hail (2.75)
Numerous automobiles and roofs of houses were damaged by baseball size hail.									
Tensas Parish St Joseph	28	1959CST			0	0	2K		Thunderstorm Wind
Several trees were blown down.									
LOUISIANA, Northwest									
LAZ001>003-012 Caddo - Bossier - Webster - Bienville	01	0000CST			0	0	120K		Flood
09 1200CST Significant flooding developed on Lake Bistineau for the fifth time since November 1996. Several homes, camps, and secondary roadways suffered damage from the flood waters.									
Caddo Parish Shreveport	02	0900CST			0	0			Flash Flood
Numerous reports of city street flooding and stalled cars which drove into the high waters. A portion of I-20 was closed with over two feet of water over the highway.									
Bossier Parish Bossier City	02	0915CST			0	0			Flash Flood
Caddo Parish Keithville	02	0950CST			0	0			Flash Flood
Numerous rural roads were flooded as well as water entering several homes in town.									
Bienville Parish Arcadia to Gibbsland	02	1030CST 1415CST			0	0			Flash Flood
Strong thunderstorms produced locally heavy rainfall across much of the Parish but the northeastern third was hit the hardest with 4.90 inches of rain in less than one hour. Many businesses along Hwy 151 North suffered water damage including a shopping center, a grocery store, and an auto parts store. Water reached two feet in some businesses in downtown while many cars were stalled in high water. Numerous roads were closed and/or washed out including U.S. Hwy 80 between Gibbsland and Arcadia which had to be closed for several hours.									
De Soto Parish Grand Cane	02	1130CST			0	0			Flash Flood
U.S. Highway 171 was closed for a period of time due to excessive heavy rainfall. Cars were also stalled in high water across the road.									
Webster Parish Minden	02	1430CST			0	0			Flash Flood
Highways 7, 163, and 164 were flooded due to excessive rainfalls.									
Webster Parish Sibley	02	1430CST 1600CST			0	0	325K		Flash Flood
Slow moving thunderstorms led to 4 to 5 inches of rain over a short period of time. This resulted in flash flooding with numerous roads underwater and flooding of homes in the town. Sixty separate sites were reported by the Public Works Director for the area. Bridges, culverts, blacktop, driveways, and dirt roads suffered extensive damage.									
Claiborne Parish Homer	02	1515CST			0	0			Thunderstorm Wind (G60)
Several large trees were toppled along Lake Claiborne.									
Natchitoches Parish Powhatan	02	1715CST			0	0			Hail (1.00)
Natchitoches Parish Campti	02	1740CST			0	0			Hail (1.00)
Webster Parish Minden	02	2015CST 2019CST			0	0			Hail (1.00)
De Soto Parish 6 E Logansport	02	2025CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>LOUISIANA, Northwest</u>									
Claiborne Parish									
Athens	02	2042CST			0	0			Hail (1.75)
Lincoln Parish									
5 W Simsboro	02	2105CST			0	0			Hail (1.75)
Lincoln Parish									
Ruston	02	2130CST			0	0			Hail (0.75)
Union Parish									
4 E Downs ville	04	1400CST			0	0			Thunderstorm Wind (G60)
									Numerous trees were toppled across powerlines hear Hwy 15 resulting in power outages in the area.
Webster Parish									
Heflin	14	1837CST			0	0			Hail (1.75)
Caddo Parish									
Vivian	27	1430CST			0	0			Hail (1.00)
De Soto Parish									
Stonewall	27	1653CST			0	0			Hail (0.75)
De Soto Parish									
Frierson	27	1707CST			0	0			Hail (0.75)
Lincoln Parish									
Ruston	27	1845CST			0	0			Thunderstorm Wind (G70)
									The south bound lane of U.S. Highway 167 was closed due to the numerous trees across the roadway. A few trees were also reported on homes in the area.
Jackson Parish									
Chatham	27	1845CST			0	2			Thunderstorm Wind (G70)
									Numerous reports of trees down in the town and surrounding communities. Some motorists were injured in car accidents when their cars slammed into fallen trees. One accident occurred at La. Hwy 34 and La. Hwy 810 where one driver sustained serious injuries after his car hit a downed tree.
Bossier Parish									
Sligo	27	1854CST			0	0			Hail (0.75)
Lincoln Parish									
Ruston	27	1855CST			0	0	60K		Lightning
									Lightning struck the roof of a home sparking a fire. The front porch was fully consumed by the fire while part of the roof over the dining area fell in from the fire weakened structure.
Caddo Parish									
3 W Greenwood	27	1900CST			0	0			Lightning
									Lightning struck an oil storage tank near stateline road.
Jackson Parish									
2 E Eros	27	1915CST			0	0			Hail (0.75)
Ouachita Parish									
Monroe	27	1915CST			0	0	3M		Thunderstorm Wind (G100)
									A squall line pushed through Ouachita Parish during the evening toppling trees and power lines. Many homes suffered wind damage and roads were blocked by trees. Several people were trapped inside their cars by downed power lines. Over 200 telephone poles were snapped leaving 45,000 people without power. The damage area was nearly 180 square miles which covered much of the southern half of the Parish. In the city and surrounding communities over 400 homes suffered some sort of structural damage. The damage was so severe that Ouachita Parish was put under a declaration of emergency by the governor of Louisiana. The State Department of transportation and Development donated several trucks to help with the clean-up.
<u>LOUISIANA, Southeast</u>									
Tangipahoa Parish									
Independence	03	0215CST			0	0			Hail (1.75)
Tangipahoa Parish									
Independence	03	0215CST			0	0	10K		Thunderstorm Wind
St. Tammany Parish									
Folsom	03	0300CST			0	0			Hail (1.75)
St. Tammany Parish									
Folsom	03	0300CST			0	0	15K		Thunderstorm Wind
									Severe thunderstorms caused wind damage over Tangipahoa and St. Tammany Parishes. Trees were downed in Independence and golf ball size hail also accompanied the thunderstorm. In the Folsom area, over 20 trees were toppled and several hundred had large branches ripped from the trunk. A large tree fell onto a house causing considerable damage. Golf ball size hail also accompanied the storm.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	
LOUISIANA, Southeast								
St. Charles Parish								
Luling to Destrehan	15	1558CST 1602CST			0	0		Hail (1.50)
Jefferson Parish								
Kenner	15	1630CST			0	0		Hail (0.75)
Jefferson Parish								
Kenner	15	1630CST			0	0	0.50K	Thunderstorm Wind
A severe thunderstorm produced large hail in St. Charles Parish and adjacent areas of Jefferson Parish. Thunderstorm wind gusts also knocked down a tree and power pole in Jefferson Parish.								
Orleans Parish								
New Orleans	19	1600CST 1900CST			0	0		Urban/Sml Stream Fld
St. Bernard Parish								
Arabi	19	1600CST 1900CST			0	0	10K	Flash Flood
Heavy rain occurred over the upper portion of St. Bernard Parish and the southeast corner of New Orleans. A National Weather Service Cooperative observer in Chalmette recorded 5.14 inches of rain during the afternoon and early evening. St. Bernard Parish emergency management reported much greater rainfall amounts in the Arabi area where several homes were flooded and many streets were impassable due to flooding. Adjacent areas of New Orleans had considerable street flooding.								
East Baton Rouge Parish								
10 N Baton Rouge Arpt	23	1208CST			0	0		Funnel Cloud
Iberville Parish								
White Castle	24	0915CST	0.6	20	0	0	20K	Tornado (F0)
St. James Parish								
Vacherie to Gramercy	24	1315CST			0	0		Urban/Sml Stream Fld
Jefferson Parish								
Waggaman	24	1500CST			0	3	0	Wind
A line of thunderstorm moved across southeast Louisiana. A weak tornado touched down briefly in White Castle. A mobile home and 12 houses suffered minor damage. Heavy rain brought street flooding to several communities in St. James Parish. In Waggaman, gusty winds, less than 58 mph, overturned an inflatable carnival amusement ride. Three children were injured when it overturned.								
Terrebonne Parish								
Gibson	25	0535CST			0	0	1K	Thunderstorm Wind
The sheriffs office reported that thunderstorm wind gusts downed numerous trees.								
St. James Parish								
Convent	28	1432CST			0	0		Hail (1.50)
St. Bernard Parish								
Chalmette	28	1500CST			0	1		Lightning
Lafourche Parish								
Galliano	28	1658CST			0	0		Hail (0.88)
Pointe Coupee Parish								
4 SW New Roads	28	1733CST			0	0	5K	Thunderstorm Wind
Thunderstorms produced large hail in a couple of locations in south Louisiana. Near New Roads, the sheriffs office reported that thunderstorm wind gusts downed trees. In Chalmette, a woman was injured from a lightning strike while she was getting out of an automobile.								
Jefferson Parish								
Terrytown	30	1400CST			0	1		Lightning
A man was injured by a lightning strike at a golf course.								
Jefferson Parish								
5 N Kenner	30	1600CST			0	0		Waterspout
A waterspout was visible for several minutes over Lake Pontchartrain north of Kenner.								
LOUISIANA, Southwest								
St. Landry Parish								
Arnaudville	02	2349CST			0	0	15K	Thunderstorm Wind
Several power poles were snapped in Arnaudville and Whiteville in St. Landry Parish.								
Beauregard Parish								
Singer	15	1600CST			0	0	5K	Thunderstorm Wind
Power poles were blown down by severe thunderstorm winds.								

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>LOUISIANA, Southwest</u>									
Vermilion Parish									
Henry	21	1345CST 1355CST	1	20	0	0	15K		Tornado (F0)
A small tornado touched down on the southside of Henry, damaging two barns and several trees, as well as tipping over an 18 wheel sugarcane truck.									
Cameron Parish									
Creole	22	1450CST	0.5	10	0	0			Tornado (F0)
A small tornado touched down in the bayous near the community of Creole, resulting in no injuries or damages.									
Iberia Parish									
New Iberia	25	1100CST 1400CST			0	0	15K		Flash Flood
Doppler radar estimates of between four and six inches of rain in a three hour span, resulting in widespread street flooding. Several homes received a foot of water in them.									
Iberia Parish									
New Iberia	25	1100CST			0	0	50K		Lightning
Lightning strikes resulted in serious damage to computers and telephone lines at the hospital in New Iberia.									
St. Martin Parish									
Breaux Bridge	25	1410CST			0	0	10K		Hail (1.75)
Hail as large as golfballs pounded the Breaux Bridge area.									
Vernon Parish									
Leesville	27	2330CST			0	0	40K		Thunderstorm Wind
Severe thunderstorms moved into Vernon Parish from northeast Texas, resulting in 70 mph winds, and causing considerable damage to a department store in Leesville. The high winds blew down one wall of the department store, and the store's inventory of electrical appliances and stereo equipment was damaged or ruined.									
Cameron Parish									
Creole	28	1240CST	1	15	0	0			Tornado (F0)
A small tornado touched down in the bayous just north of Creole, resulting in no injuries or damages.									
Cameron Parish									
3 NE Creole	28	1535CST	1	20	0	0			Tornado (F0)
A small tornado touched down in the bayous near Little Chenier, which is a few miles northeast of Creole. No injuries or damages were reported.									
St. Martin Parish									
2 N Breaux Bridge	28	1737CST			0	0	10K		Thunderstorm Wind
Severe thunderstorm winds damaged a house porch and shed. Several trees were also blown down.									
<u>MAINE</u>									
MEZ001>002									
Northwest Aroostook - Northeast Aroostook									
02	1030EST				0	0			Flood
04	0700EST								
Minor flooding occurred when the St. John River went slightly over its banks due to a combination of snowmelt and rainfall. No damage was reported.									
MEZ002-006									
Northeast Aroostook - Southeast Aroostook									
15	2000EST				0	0			High Wind (G55)
16	0700EST								
An intensifying low pressure center moving northward from the Gulf of Maine caused strong winds which snapped and uprooted trees in parts of Aroostook County. Falling trees and branches caused isolated power outages.									
Aroostook County									
Countywide	15	2200EST			0	0			Flood
16	1300EST								
An intensifying low pressure center moving northward from the Gulf of Maine caused small rivers and streams to flood their banks as heavy rains moved through the area. Between 2 and 3 inches of rain was reported in parts of the County. Water flooded the roadway in low spots along Rt. 11, especially in the northern part of the County as culverts overflowed, damaging the shoulders of the roadways.									
MEZ001>002									
Northwest Aroostook - Northeast Aroostook									
17	1300EST				0	0			Flood
19	1230EST								
Minor flooding occurred when the St. John River went slightly over its banks due to a combination of snowmelt and rainfall. No damage was reported.									
<u>MARYLAND, Central</u>									
Montgomery County									
Southwest Portion	01	1555EST 1610EST			0	0	1K		Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MARYLAND, Central</u>									
Baltimore County									
Towson	01	1605EST			0	0			Hail (0.75)
Howard County									
Columbia	01	1610EST			0	0			Hail (0.75)
Montgomery County									
Southeast Portion	01	1610EST 1625EST			0	0			Hail (0.88)
Harford County									
Bel Air	01	1612EST			0	0	1K		Hail (1.75)
Prince George'S County									
Calverton	01	1630EST			0	0			Hail (1.00)
<p>A rapidly developing line of low-topped thunderstorms, aided by an unusually steep lapse rate, produced a swath of large hail from the northern suburbs of Washington, DC to northeastern Maryland. The severe storms were triggered by a vigorous cold front. In Montgomery Co, numerous residents reported hail "showers" covering the ground. Nickel to quarter-sized hail affected Bethesda, Potomac, Rockville, Aspen Hill, and Silver Spring in a half-hour period.</p> <p>As the storms continued east and northeast, one-inch diameter hail fell in Calverton, 3/4 inch diameter hail fell in Columbia and Towson, and golf ball-sized hail fell in Bel Air.</p>									
MDZ002									
Allegany									
	03	1310EST			0	0	5K		High Wind (G54)
<p>Localized wind gusts of at least 62 mph blew down trees in Cumberland, and knocked an empty tractor trailer rig off Interstate 68 near Flintstone.</p>									
Prince George'S County									
Capitol Heights	06	1130EST			0	0	0		Hail (0.75)
<p>Dime-sized hail fell briefly in Capitol Heights. Marble-sized hail fell a bit earlier in downtown Washington, DC. One tree fell onto wires near Greenbelt, causing a disruption of service to 2300 Potomac Electric Power customers.</p>									
Harford County									
5 SW Aberdeen	06	1150EST			0	0			Waterspout
<p>A waterspout touched down briefly in the Bush River near the intersection of federal highway 40 and the Amtrak railroad bridge.</p>									
Montgomery County									
S Portion	25	2100EST 2259EST			0	0			Urban/Sml Stream Fldg
<p>Tropical moisture feeding along a south-moving cold front produced training thunderstorms over portions of the Washington metropolitan region during the late evening of the 25th. In general, between 3 and 4 inches of rain fell throughout the event, with at least 2 inches falling just prior to frontal passage around midnight. The rapid accumulation of water brought Rock Creek well out of its banks; portions of Beach Drive in Kensington were closed through the late morning on the 26th.</p>									
<u>MARYLAND, Northeast</u>									
Cecil County									
Elkton	01	1655EST			0	0			Hail (0.75)
Cecil County									
2 E Elkton	01	1710EST			0	0			Hail (0.75)
<p>The severe thunderstorm also pulled down numerous limbs.</p>									
Cecil County									
Countywide	25	0900EST			0	0			Heavy Rain
	26	0100EST							
Kent County									
Countywide	25	1200EST			0	0			Heavy Rain
	26	0200EST							
Queen Anne'S County									
Countywide	25	1300EST			0	0			Heavy Rain
	26	0300EST							
Caroline County									
Countywide	25	1500EST			0	0			Heavy Rain
	26	0500EST							

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MARYLAND, Northeast

Talbot County Countywide

	25	1500EST			0	0			Heavy Rain
	26	0500EST							

A series of low pressure systems traveling west to east along a nearly stationary frontal boundary produced some locally heavy rain across the Delmarva Peninsula from the daylight hours on the 25th through the early morning of the 26th. Bands of heavier rain affected northern parts of the peninsula mainly on the 25th and southern parts of the peninsula during the late evening on the 25th and the early morning on the 26th. Storm totals averaged 1.5 to 2.5 inches, with some locally lower amounts. Representative totals included 2.08 inches at the Baltimore-Washington International Airport, 1.90 inches in Bridgeville, DE and 1.39 inches in Salisbury.

Cecil County Fair Hill

	25	1820EST	0.5	100	0	0	250K		Tornado (F1)
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An F1 (Fujita Scale) tornado touched down in Fair Hill at about 720 p.m. EDT and damaged four homes - two severely, overturned tombstones and damaged or uprooted hundreds of trees. Property damage was estimated at \$250,000. No injuries occurred.

The tornado touched down over farmland near the Foxcatcher Development and moved eastward paralleling Maryland State Route 273. It remained on the ground for about half a mile before lifting over the Fair Hill Nature Center. The worst damage occurred to a log home on Maryland State Route 213. Its second story sun room was destroyed by two fallen trees. Damage also occurred to its deck and roof. The owner estimated that nearly 95 percent of the trees on the property were either damaged or destroyed. Most of the trees were 80 to 100 feet tall. Damage also occurred to several homes on Hunt Valley Road. One home had two trees on it and its siding embedded in a tree. The tornado also moved over Sharpes Cemetery and overturned about 100 tombstones and tore down a section of its black wrought-iron fence. About 1,600 homes lost power due to the fallen trees. At its maximum strength in the cemetery and around the log home, the tornado winds were estimated near the high end of the F1 Fujita scale at about 100 mph.

MDZ008-012-015-019>020

Cecil - Kent - Queen Annes - Talbot - Caroline

	31	2359EST			0	0			Unseasonably Cool
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May 1997 was an unseasonably cool month. For most locations, it was the coolest May since 1967. Monthly departures averaged 3 to 4 degrees below normal.

MARYLAND, South

Somerset County

	01	1545EST			0	0			Hail (1.75)
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Worcester County

	01	1600EST			0	0			Hail (0.88)
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Worcester County

	09	1630EST			0	0			Hail (0.75)
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MARYLAND, West

NONE REPORTED.

MASSACHUSETTS, Central and East

Middlesex County

	01	1759EST			0	0			Hail (0.88)
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Worcester County

	01	1759EST			0	0			Hail (0.75)
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Middlesex County

	01	1809EST			0	0			Hail (0.75)
--	----	---------	--	--	---	---	--	--	--------------------

Middlesex County

	01	1811EST			0	0			Hail (0.88)
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Middlesex County

	01	1814EST			0	0			Hail (1.75)
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Lexington to Waltham

Thunderstorms moved in from the southwest during the early evening and one particular thunderstorm cell produced the first significant convective weather event of the season. Dime size hail was reported in extreme southeast Worcester County in the town of Milford, as reported by the local police. In Middlesex County, spotters in Holliston reported dime to nickel size hail. Nickel size hail also fell in Newton. The largest hailstones (the size of golf balls) were reported by the spouse of a National Weather Service employee in Lexington. Golfball hail also was reported in Waltham. There were no reports of damage.

MASSACHUSETTS, West

Berkshire County

	01	1820EST			0	0			Hail (0.75)
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A cold front crossed western New England during the afternoon of May 1. The front produced an isolated severe thunderstorm

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Estimated Damage	Character of Storm
					Killed	Injured	Property Crops

MASSACHUSETTS, West

with hail at Adams in Berkshire County.

Berkshire County							
Hinsdale	06	1400EST			0	0	4K Thunderstorm Wind
Berkshire County							
Pittsfield	06	1400EST			0	0	2K Hail (0.88)

A cold front crossed western New England during the afternoon hours of May 6. Widely scattered severe thunderstorms developed along this front as it crossed Berkshire County. At Hinsdale trees were downed by the wind and hail was observed at Pittsfield.

MICHIGAN, East

Oakland County							
Oxford	05	1830EST			0	0	Thunderstorm Wind (G50)
Saginaw County							
Hemlock	05	1920EST			0	0	Hail (1.75)
Saginaw County							
Hemlock	05	1930EST			0	0	5K Thunderstorm Wind (G60)
Saginaw County							
Merrill	05	1933EST			0	0	Hail (0.75)
Genesee County							
Grand Blanc	05	2050EST			0	0	Hail (0.75)
Washtenaw County							
Dexter	05	2232EST			0	0	Hail (0.75)
Wayne County							
Westland	05	2252EST			0	0	Hail (0.75)
Wayne County							
Livonia	05	2254EST			0	0	Hail (0.75)
Wayne County							
Dearborn	05	2305EST			0	0	Hail (0.75)

A cold front tracked across southeast Michigan late on the 5th, triggering scattered thunderstorms. A severe storm in Saginaw county near Hemlock produced golf ball-sized hail and strong winds that flipped a 10-foot snowmobile trailer, tore siding off of a garage, and flattened a 45-foot tree. Trees were also uprooted in Oxford, in Oakland county. Three-quarter inch hail was reported at Grand Blanc in Genesee county, and in Westland, Livonia and Dearborn in Wayne county.

Midland County							
Poseyville	08	2040EST			0	0	1K Hail (1.00)
Saginaw County							
Freeland	08	2055EST			0	0	Hail (1.00)
Bay County							
5 SE Bay City	08	2115EST			0	0	Hail (0.88)
Tuscola County							
5 W Kingston	08	2225EST			0	0	Hail (1.00)
Tuscola County							
2 S Caro	08	2230EST			0	0	Hail (0.75)
Tuscola County							
2 S Caro	08	2235EST			0	0	Hail (0.75)
Sanilac County							
Deckerville	08	2300EST			0	0	Hail (0.75)

A strong low pressure system tracking across lake Superior pushed a cold front across southeast Michigan late on the 8th. Scattered thunderstorms developed along the front, with the strongest storms affecting the Saginaw Valley. Hail with diameters of up to an inch was reported at several locations.

MICHIGAN, Extreme Southwest

NONE REPORTED.

MICHIGAN, North

Roscommon County							
2 N St Helen	05	1745EST			0	0	Hail (0.75)
Gladwin County							
3 NE Gladwin	05	1835EST			0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MICHIGAN, North</u>									
Arenac County Standish	08	2110EST			0	0			Hail (1.00)
<u>MICHIGAN, Upper</u>									
Luce County 25 NNE Newberry	08	1845EST 1847EST			0	0			Hail (0.88)
MIZ002-004-009 11 12			Ontonagon - Baraga - Gogebic		0	0			Heavy Snow
A late winter storm deposited 13 inches of snow at Herman, 12 inches at Ironwood and Wakefield, and 11 inches at Bergland. The snow established new single season snowfall records at Herman with 384.0 inches, Ironwood with 301.8 inches, and Bergland with 284.9 inches. It broke single season snowfall records set just last year of 347.0, 291.9 and 284.2 inches respectively.									
<u>MICHIGAN, West</u>									
Ottawa County Grand Haven	05	1541EST			0	0			Hail (0.88) Nickel sized hail reported covering the ground.
Ottawa County Zeeland	05	1541EST			0	0			Hail (0.75) Hail covered the ground.
Allegan County Holland	05	1545EST			0	0			Hail (0.75)
Ottawa County Grand Haven	05	1547EST			0	0			Hail (0.75)
Kent County Byron Center	05	1602EST			0	0			Hail (0.75)
Kent County Grand Rapids	05	1603EST			0	0			Hail (1.50) Golfball sized hail reported by NWS spotter at the John Ball Park Public Zoo.
Kent County Kentwood	05	1608EST			0	0			Hail (0.75)
Kent County Byron Center	05	1612EST			0	0			Hail (0.75) Hail covered the ground.
Kent County 4 S Cutlerville	05	1612EST			0	0			Hail (0.75)
Allegan County Graafschap	05	1615EST			0	0			Hail (1.00)
Ottawa County Jenison	05	1615EST			0	0			Hail (0.75)
Van Buren County Mattawan	05	1623EST			0	0			Hail (0.75)
Lake County Baldwin	05	1656EST			0	0			Hail (0.88)
Lake County Idlewild	05	1658EST			0	0			Hail (0.75)
Barry County Hickory Corners	05	1700EST			0	0			Hail (0.88)
Eaton County 3 E Grand Ledge	05	1705EST			0	0			Hail (0.75)
Branch County Coldwater	05	1720EST			0	0			Hail (0.75)
Branch County Quincy	05	1734EST			0	0			Hail (0.75)
Ingham County Mason	05	1739EST			0	0			Hail (0.75)
Mecosta County Rodney	05	1754EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MICHIGAN, West</u>									
Isabella County									
10 W Mount Pleasant	05	1815EST			0	0			Hail (1.50)
Isabella County									
Lake Isabella	05	1819EST			0	0			Hail (0.75)
			A line of strong to severe thunderstorms developed along a cold front which moved through Michigan's Lower Peninsula during the late afternoon and evening hours of May 5, 1997. Low atmospheric freezing levels supported considerable hail with some of these storms. Numerous reports of hail were received by the National Weather Service Office in Grand Rapids, including golfball sized hail in Grand Rapids and near Mount Pleasant. No injuries or significant property damage was reported, but crop damage did occur across Ottawa, Kent, Allegan, Lake, and Isabella Counties, although damage estimates were not available.						
Osceola County									
Ashton	08	1915EST			0	0			Hail (1.00)
Osceola County									
Ewart	08	1930EST			0	0			Hail (0.88)
			Nickel sized hail reported.						
Clare County									
Lake George	08	2005EST			0	0			Hail (1.25)
			Half dollar sized hail reported.						
Mecosta County									
Chippewa Lake	08	2020EST			0	0			Hail (0.88)
			Nickel sized hail reported. A cold front moving across the Great Lakes Region triggered thunderstorms across Central Lower Michigan. A few of these thunderstorms produced severe criteria hail during the evening hours of May 8, 1997. No damage was reported.						
MIZ043									
	16	0000EST 0800EST			0	0	2M		Extreme Cold
			Record-cold temperatures in the upper 20s across the southwest quarter of Lower Michigan on May 16, 1997, caused financial losses for many West Michigan farmers. A hard frost wiped out approximately 20 percent of Oceana County's annual asparagus crop, causing an estimated \$2 million in damages.						
Berrien County									
St Joseph	18	2041EST			0	0			Thunderstorm Wind (G61)
Berrien County									
Three Oaks	18	2050EST			0	0	5K		Thunderstorm Wind
			Berrien County officials reported winds snapped off pine trees and blew the roof off of a resident's garage and dumped it 300 feet away from the garage. Downed power lines cut power to approximately 1300 customers in Berrien County.						
Kalamazoo County									
Kalamazoo	18	2120EST			0	1	500K		Thunderstorm Wind
			At 1020 PM EDT Sunday, May 18, a wet microburst hit the Americana Estates mobile home park in western Kalamazoo, Michigan. The mobile home park is located one mile northeast of the U.S. Highway 131/Stadium Street (Business I-94) interchange. One injury (a broken wrist) was caused when a microburst approximately 150 yards long and 50 yards wide struck the park. The first damage was noted on Stadium Street at the Burger King and Lee's Restaurant. Two light poles were downed at a Burger King restaurant. The Lee's Restaurant sign was broken with large fragments of 1 to 2 feet driven into the front siding of the restaurant. Some shingles and siding were also blown off. To the northeast, about a dozen mobile homes were pushed off foundations or received major roof damage. Two homes were completely destroyed, one of which was tied down. In the tied down mobile home, the wind ripped off the upper portions of the home, leaving only debris and the flooring. Five people were in the home at the time of the incident, one of whom was a teenage male injured with a broken wrist. The second destroyed trailer was not tied down and the back half of the trailer was broken and twisted onto its side. Debris was blown over 1/4 mile away, where a 2X4 was embedded at a downward angle into the side of a home.						
Branch County									
Sherwood	18	2130EST 2145EST			0	0	10K		Thunderstorm Wind
			Branch County Central Dispatch and Road Commission reported downed trees and power lines in Sherwood Township, in the northwest part of the county. A recreational trailer, parked on the side of the road on Division Street was torn open and the contents were strewn several yards. Some minor damage was done to mobile homes. Several trees and large limbs were downed along Sherwood Road. Extensive damage was done to a nature trail at Sherwood Elementary School.						
Kalamazoo County									
Portage	18	2130EST			0	0	1K		Thunderstorm Wind
			Kalamazoo HAM radio personnel reported six inch diameter trees were blown down in Portage.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MICHIGAN, West

St. Joseph County

Sturgis

18 2135EST **0** **0** **2.5K** **Thunderstorm Wind**

St. Joseph Central Dispatch reported several trees and power lines downed in Sturgis.

St. Joseph County

Three Rivers

18 2135EST **0** **0** **2.5K** **Thunderstorm Wind**

Several trees and power lines downed in Three Rivers.

Hillsdale County

Camden

18 2215EST **0** **0** **5K** **Thunderstorm Wind**

Hillsdale County Central Dispatch reported a residence at 13080 South Edon Road was damaged by severe thunderstorm winds. A machine shop, another out-building, and the home received minor damage.

Hillsdale County

Hillsdale

18 2215EST **0** **1** **50K** **Thunderstorm Wind**

Hillsdale County officials reported trees and power lines were downed by straight-line thunderstorm winds across Allen, Adams, and Wheatland townships. Four barns were destroyed at 3120 East Bacon Road in Hillsdale and damage was done to the home at the same address. One woman sustained minor injuries when the trailer she was in parked on Meadow Lane tipped over.

A strong area of low pressure located in Wisconsin on the evening of Sunday, May 18, 1997, triggered severe thunderstorms along a convergence boundary across northern Illinois, northern Indiana, and extreme southern Lower Michigan.

MINNESOTA, Central and South Central

MNZ054>056-060-064>065-067>070-073-075>076-083

Lac Qui Parle - Swift - Chippewa - Hennepin - Yellow Medicine - Renville - Sibley - Carver - Scott - Dakota - Redwood - Nicollet - Le Sueur - Blue Earth

01 0000CST **0** **0** **Flood**

16 0600CST
The Minnesota River remained in flood stage through mid May. The river first went above flood stage in late March. Peak crests of the river were reached during the first two weeks of April. The crest at Montevideo reached 23.9 feet on 4/7/97 which set a new record crest. Minnesota River flooding resulted in severe losses to public and private property. Please check the April edition of Storm Data for a more detailed description.

MNZ066

Mcleod

05 0920CST **1** **10** **Strong Wind**

Gradient wind gust caused apartment building under construction in Hutchinson to collapse, killing one worker and injuring 10. Wind gust of 50 knots recorded at local radio station. M330T

Kandiyohi County

6 W Spicer

24 2140CST **0** **0** **Strong Wind Gust**

Roof torn off cabin on southeast shore of Lake Florida. Wind estimated at 45 knots.

Kandiyohi County

New London

24 2145CST **0** **0** **Thunderstorm Wind (G50)**

Roof torn off restaurant.

MINNESOTA, Northeast

NONE REPORTED.

MINNESOTA, Northwest

NONE REPORTED.

MINNESOTA, Southeast

NONE REPORTED.

MINNESOTA, Southwest

MNZ071>072-080>081-089>090-097>098

Lincoln - Lyon - Murray - Cottonwood - Nobles - Jackson - Pipestone - Rock

05 1000CST **0** **0** **17K** **High Wind (G52)**

1600CST
High winds estimated as high as 60 mph caused tree and scattered other damage, including the roof and a wall torn off a bar in Adrian and a large sign blown out at Tyler.

Cottonwood County

Westbrook

17 1915CST **0** **0** **Hail (0.88)**

MINNESOTA, West

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MINNESOTA, West

MINNESOTA, West Central

NONE REPORTED.

MISSISSIPPI, Central

Sunflower County									
Ruleville	02	1135CST			0	0			Hail (0.75)
Carroll County									
Vaiden	02	1333CST			0	0			Hail (0.75)
Montgomery County									
Kilmichael	02	1350CST 1425CST			0	0	3K		Thunderstorm Wind
Numerous trees were blown down along Highways 413, 82 and 17.									
Webster County									
Tomnolen	02	1420CST			0	0			Hail (0.88)
Oktibbeha County									
Starkville	02	1425CST			0	0	1K		Thunderstorm Wind
A couple of trees were blown down in Starkville.									
Webster County									
Eupora	02	1425CST			0	0	3K		Thunderstorm Wind
Numerous trees were blown down along Highway 82 and the Natchez Trace Parkway.									
Leflore County									
3 W Greenwood	02	1510CST			0	0	10K		Thunderstorm Wind
A construction trailer and a storage shed were blown over.									
Leflore County									
Greenwood	02	1540CST			0	0	10K		Thunderstorm Wind
Numerous trees were blown down and some buildings were damaged.									
Montgomery County									
Duck Hill	02	1556CST			0	0	4K		Thunderstorm Wind
Numerous trees were blown down in Duck Hill.									
Grenada County									
Elliott	02	1600CST			0	0	5K		Thunderstorm Wind
Several trees were blown down. One tree fell on a building.									
Grenada County									
Grenada	02	1615CST			0	0	5K		Thunderstorm Wind
The roof of an airport hanger was blown off.									
Choctaw County									
French Camp	02	1635CST			0	0	30K		Hail (1.75)
Many roofs of houses and automobiles were damaged.									
Sharkey County									
Rolling Fork	02	1642CST			0	0	3K		Thunderstorm Wind
Several trees and large limbs were blown down.									
Sharkey County									
Anguilla	02	1700CST			0	0			Hail (1.50)
Sharkey County									
Rolling Fork	02	1700CST			0	0	5K		Thunderstorm Wind
Numerous trees were blown down in Rolling fork and several other locations throughout Sharkey county.									
Webster County									
Eupora	02	1710CST			0	0	3K		Thunderstorm Wind
Numerous trees were blown down or uprooted.									
Humphreys County									
Belzoni	02	1713CST			0	0	100K		Hail (2.75)
Baseball size hail broke out the windows of a car dealership and damage numerous cars.									
Humphreys County									
Belzoni	02	1713CST			0	0	100K		Thunderstorm Wind (G78)
After baseball size hail broke out the windows of a car dealership strong wind entered the building and peeled the roof off. The roofs of two adjacent buildings were partially peeled off. Numerous light poles were blown down. Minor damage was done to some apartment buildings. Numerous trees were blown down. This storm is the same one that would later produce a tornado in Holmes county.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Central									
Holmes County 1 S Tchula to 2 ESE Emory	02	1730CST 1755CST	20	200	0	0	200K		Tornado (F3)
This tornado initially touched down 1 mile south of Tchula and moved northeast to 2 miles east southeast of Emory. The path width and strength varied along the path, but at its widest point was 200 yards.									
The worst damage occurred at a school 2 miles east of Tchula where major damage was done. Fortunately the the school was almost vacant. Along the remainder of the path mostly F1 and F2 damage occurred. Several houses were damaged and one mobile home was flipped over. Of course numerous trees were blown down along the entire path.									
Washington County Leland	02	1730CST			0	0	2K		Thunderstorm Wind
Several trees were blown down.									
Sharkey County Panther Burn	02	1740CST			0	0	20K		Hail (1.75)
Golf ball size hail damaged roofs and automobiles.									
Attala County 10 NE Hesterville to 12 NE Hesterville	02	1800CST 1803CST	2	50	0	0	4K		Tornado (F1)
Numerous trees were blown down or uprooted.									
Montgomery County 5 SSE Poplar Creek to 5 SE Poplar Creek	02	1803CST 1805CST	1	50	0	0	2K		Tornado (F1)
This tornado touched down in Attala county and traveled a short distance into Montgomery county. Several trees were blown down in Montgomery county.									
Carroll County Carrollton	02	1815CST			0	0			Hail (0.75)
Carroll County Carrollton	02	1815CST			0	0	3K		Thunderstorm Wind
Numerous trees were blown down.									
Montgomery County Winona	02	1815CST			0	0			Hail (0.75)
Humphreys County Belzoni	02	1818CST			0	0			Hail (1.25)
Choctaw County 2 N Ackerman	02	1848CST			0	0			Hail (0.88)
Carroll County Vaiden	02	1853CST			0	0			Hail (0.75)
Montgomery County 8 SE Kilmichael	02	1900CST			0	0			Hail (1.00)
Sunflower County Indianola	02	1915CST			0	0	3K		Thunderstorm Wind
Numerous trees were blown down.									
Bolivar County Benoit	02	1930CST			0	0			Hail (0.75)
Holmes County Lexington	02	1930CST			0	0	3K		Thunderstorm Wind
Numerous trees were blown down through the city.									
Washington County Greenville	02	1930CST			0	0			Hail (0.75)
Choctaw County 3 W Ackerman	02	1940CST			0	0			Hail (0.75)
Oktibbeha County Starkville	02	1945CST			0	0	2K		Thunderstorm Wind
Several trees were blown down at the intersection of Highways 82 and 25.									
Carroll County Vaiden	02	1950CST	1	40	0	0	1K		Tornado (F0)
This tornado touched down briefly and only blew down a couple of trees.									
Carroll County Carrollton	02	2000CST 2100CST			0	0	5K		Flash Flood
Many streets were flooded in Carrollton. Water washed out a culvert.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
MISSISSIPPI, Central								
Montgomery County								
Winona	02	2000CST 2100CST			0	0		Flash Flood
Numerous streets and roads were flooded in Winona.								
Webster County								
Tomnolen	02	2000CST			0	0		Hail (1.00)
Montgomery County								
Duck Hill	02	2005CST			0	0	10K	Thunderstorm Wind
Several trees were blown down on to homes and cars.								
Montgomery County								
Winona	02	2015CST			0	0	50K	Hail (2.00)
Several windows were broken out of buildings and automobiles. Numerous automobiles were damaged.								
Leflore County								
Schlater	02	2025CST	1	40	0	0		Tornado (F0)
This tornado was sighted by a trained spotter. It touched down briefly in an open field and then dissipated. It caused no damage.								
Oktibbeha County								
Starkville	02	2050CST			0	0	5K	Thunderstorm Wind
Trees were blown down throughout the city of Starkville.								
Oktibbeha County								
Starkville	02	2100CST 2230CST			0	0	10K	Flash Flood
Many roads and streets were flooded throughout the county.								
Webster County								
Clarkson	02	2100CST			0	0		Hail (0.75)
Bolivar County								
Shaw	02	2130CST			0	0		Hail (0.75)
Webster County								
Eupora	02	2200CST 2230CST			0	0		Flash Flood
Many streets were flooded and water came very close to getting into some residences..								
Carroll County								
5 NE Carrollton	02	2255CST			0	0	2K	Thunderstorm Wind
Several trees were blown down along Interstate 55.								
Grenada County								
Grenada	02	2300CST 2330CST			0	0		Flash Flood
Numerous streets were flooded across the city of Grenada.								
Hinds County								
Jackson	02	2315CST			0	0		Hail (0.75)
Warren County								
Oak Ridge	03	0015CST			0	0	1K	Thunderstorm Wind
Several trees were blown down.								
Madison County								
Flora	03	0030CST			0	0		Hail (1.00)
Hinds County								
Bolton	03	0040CST			0	0		Thunderstorm Wind (G52)
Rankin County								
Florence	03	0115CST			0	0	0.50K	Thunderstorm Wind (G52)
Several limbs were blown out of trees..								
Leake County								
Walnut Grove	03	0135CST			0	0		Hail (0.75)
Scott County								
3 E Ludlow	03	0135CST			0	0	2K	Thunderstorm Wind
Several trees were blown down.								
Kemper County								
Porterville	03	0150CST			0	0	2K	Thunderstorm Wind (G52)
Sixty mile an hour winds blew numerous large branches and limbs out of trees.								
Clarke County								
Enterprise	03	0340CST 0440CST			0	0	3K	Thunderstorm Wind
Numerous trees were blown down.								

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Lamar County Sumrall	03	0430CST			0	0	4K		Thunderstorm Wind
									Numerous trees and power lines were blown down.
Forrest County Hattiesburg	03	0435CST			0	0	1K		Thunderstorm Wind
									Several trees were blown down.
Bolivar County Cleveland	09	0410CST			0	0	6K		Thunderstorm Wind (G57)
									Trees and power lines were blown down and windows were blown out of several buildings.
Sunflower County Sunflower	09	0425CST			0	0			Thunderstorm Wind (G52)
Sunflower County Doddsville	09	0439CST			0	0	3K		Thunderstorm Wind
									A tin roof was blown off a building.
Leflore County Greenwood	09	0455CST			0	0	1K		Thunderstorm Wind
									Several trees and large limbs were blown down.
Carroll County Carrollton	09	0520CST			0	0	2K		Thunderstorm Wind
									Several power lines were blown down.
Carroll County 4 SE Carrollton	09	0525CST			0	0	1K		Thunderstorm Wind
									Several trees were blown down.
Choctaw County 6 NW Ackerman	09	0630CST			0	0	2K		Thunderstorm Wind
									Several trees were blown down on to power ines.
Montgomery County Winona	09	0640CST			0	0	3K		Thunderstorm Wind
									Several power lines were blown down.
Oktibbeha County Starkville	09	0645CST			0	0	2K		Thunderstorm Wind
									Several trees were blown down.
Leflore County Minter City	14	1450CST			0	0			Hail (0.75)
Carroll County Vaiden	14	1515CST			0	0			Hail (0.75)
Holmes County Lexington	14	1550CST			0	0	50K		Hail (1.75)
									Many cars and roofs were damaged and numerous windows were broken out.
Webster County Eupora	14	1600CST			0	0			Hail (0.75)
Holmes County 2 NE Durant	14	1620CST			0	0			Hail (0.88)
									Nickel size hail completely covered the ground.
Holmes County 10 E Lexington to 2 N Durant	14	1635CST 1639CST	2	30	0	0			Tornado (F0)
									This tornado was filmed as it crossed Interstate 55. No damage occurred with this tornado.
Attala County Mc Adams	14	1640CST			0	0	50K		Hail (2.00)
									Many windows were broken out by hail. severa houses had roof damage and the roof of a school was damaged.
Attala County Mc Adams	14	1640CST	1.5	70	0	0	20K		Tornado (F1)
									This short track tornado moved east-southeast through the town of Mc Adams. Many trees were blown down or uprooted. Some of the trees fell on buildings. Minor damage was down to a few buildings and many windows were blown out of a school.
Leake County Carthage	14	1652CST			0	0	20K		Hail (1.75)
									Several automobiles and roofs were damaged.
Neshoba County 3 N Philadelphia	14	1715CST			0	0	1K		Thunderstorm Wind
									Several small trees were blown down.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, Central									
Leake County									
Singleton	14	1720CST			0	0	2K		Thunderstorm Wind
			Several trees were blown down.						
Montgomery County									
Winona	14	1725CST			0	0			Hail (1.00)
Jefferson County									
Lorman	15	0135CST			0	0			Hail (0.75)
Franklin County									
Bude	19	1440CST			0	0			Hail (0.75)
Simpson County									
Mendenhall	19	1500CST			0	0	10K		Thunderstorm Wind
			Minor damage was done to a high school roof. Several trees and power lines were blown down.						
Jefferson Davis County									
Prentiss	20	1813CST			0	0			Thunderstorm Wind (G52)
Lamar County									
Purvis	23	1415CST			0	0			Hail (0.75)
Hinds County									
Jackson	23	1615CST 1645CST			0	0			Flash Flood
			Many streets were flooded in south Jackson.						
Jones County									
6 NE Laurel	24	1515CST			0	0			Hail (0.88)
Bolivar County									
Pace	27	0438CST			0	0	1K		Thunderstorm Wind
			Windows were blown out of a house.						
Sunflower County									
Ruleville	27	0455CST			0	0			Hail (0.75)
Washington County									
8 W Hollandale	27	0557CST			0	0			Hail (0.75)
Washington County									
Metcalf	27	1855CST			0	0	20K		Thunderstorm Wind
			Several trees were blown down and a trailer was destroyed.						
Yazoo County									
Yazoo City	27	1945CST			0	0			Hail (0.75)
Scott County									
Ludlow	27	2020CST			0	0			Hail (0.88)
Washington County									
Metcalf	27	2042CST			0	0	20K		Thunderstorm Wind
			A mobile home was overturned and several trees were blown down.						
Smith County									
Polkville	27	2045CST			0	0			Hail (0.88)
Warren County									
Vicksburg	27	2110CST			0	0	5K		Thunderstorm Wind
			Numerous trees were blown down throughout the county.						
Rankin County									
Pelahatchie	27	2125CST			0	0			Hail (1.00)
Scott County									
Lake	27	2125CST			0	0	2K		Thunderstorm Wind
			Several trees were blown down.						
Hinds County									
Byram	27	2153CST			0	0	20K		Hail (1.75)
			Several roofs of houses were damaged.						
Yazoo County									
Benton	27	2200CST			0	0	2K		Thunderstorm Wind
			Several trees were blown down.						
Madison County									
1 S Madison	27	2210CST	0.5	30	0	0			Tornado (F0)
			Police department saw this tornado briefly touch down and no damage was done.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>MISSISSIPPI, Central</u>									
Hinds County									
Terry	27	2215CST			0	0			Hail (0.75)
Rankin County									
Brandon	27	2222CST			0	0			Hail (1.00)
Rankin County									
Puckett	27	2240CST			0	0	4K		Thunderstorm Wind
			Numerous trees were blown down.						
Scott County									
Harperville	27	2300CST			0	0	2K		Thunderstorm Wind
			Several trees were blown down.						
Covington County									
3 N Collins	27	2325CST			0	0	2K		Thunderstorm Wind
			Several trees and large limbs were blown down.						
Okibbeha County									
Sturgis	27	2340CST			0	0			Hail (0.75)
Jasper County									
Stringer	28	0000CST			0	0	2K		Thunderstorm Wind
			Several trees were blown down.						
Lamar County									
5 SE Sumrall	28	0005CST			0	0			Hail (0.88)
Forrest County									
Hattiesburg	28	0025CST			0	0			Hail (0.88)
Jones County									
Laurel	28	0030CST			0	0	10K		Thunderstorm Wind
			Numerous trees were blown down throughout the county.						
Clarke County									
5 E Enterprise	28	0045CST			0	0	2K		Thunderstorm Wind
			Several trees were blown down.						
Forrest County									
Hattiesburg	28	1500CST			0	0	100K		Hail (1.75)
			Numerous cars and roofs were damaged.						
Lincoln County									
5 E Bogue Chitto	28	1620CST			0	0			Hail (0.75)
Lincoln County									
Brookhaven	28	1620CST			0	0			Hail (0.75)
Warren County									
Redwood	28	2025CST			0	0	2K		Thunderstorm Wind
			Several trees were blown down.						
Madison County									
Ridgeland	28	2130CST			0	0	2K		Thunderstorm Wind
			A couple of trees and numerous large limbs were blown down.						
<u>MISSISSIPPI, North</u>									
Tallahatchie County									
Webb	02	1058CST 1110CST			0	0	0.01K		Hail (0.75)
Panola County									
2 W Batesville	02	1120CST 1125CST			0	0	0.10K		Hail (0.75)
			A patrol car was damaged by dime size hail.						
Tallahatchie County									
Charleston	02	1230CST 1235CST			0	0	1K		Thunderstorm Wind
			Some power lines were blown down.						
Tishomingo County									
Burnsville to Belmont	02	1400CST 1410CST			0	0	10K		Lightning
			A church in Burnsville was damaged by a fire started by lightning. A funeral home in Belmont suffered damage to electrical equipment and telephones by a lightning strike.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSISSIPPI, North									
Lee County Tupelo	02	1408CST 1425CST			0	0	0.01K		Hail (0.75)
Clay County Pheba	02	1440CST 1445CST			0	0	0.06K		Hail (0.88)
			Dime to nickel size hail fell in the town of Pheba.						
Clay County Pheba	02	1440CST 1445CST			0	0	1K		Thunderstorm Wind
			A couple of trees were blown down across some power lines.						
Itawamba County Fulton	02	1440CST 1445CST			0	0	0.50K		Thunderstorm Wind
			Some large tree limbs were knocked down.						
Monroe County Amory to Aberdeen	02	1440CST 1450CST			0	0	1.5K		Thunderstorm Wind
			Several trees and large tree limbs were blown down.						
Prentiss County Marietta	02	1440CST 1445CST			0	0	1K		Thunderstorm Wind
			Several trees were blown down.						
Lee County Tupelo	02	1445CST 1450CST			0	0	5K		Lightning
			A house was damaged by a fire started by lightning.						
Clay County West Pt	02	1500CST 2300CST			0	0	2.5K		Flash Flood
			Nearly 25 homes had between 8 and 12 inches of water in them forcing families to evacuate.						
Itawamba County 1 W Fulton	02	1500CST 1505CST			0	0	1K		Thunderstorm Wind
			Some large tree limbs were blown down.						
Tishomingo County 2 E Iuka	02	1600CST 1605CST			0	0	25K		Lightning
			A home was destroyed by a fire started by lightning.						
Calhoun County Calhoun City	02	1700CST 1705CST			0	0	5K		Thunderstorm Wind
			Several large trees were blown down.						
Chickasaw County Woodland	02	1700CST 1705CST			0	0	10K		Thunderstorm Wind
			A trailer was knocked down. A couple of buildings lost some aluminum siding. Several trees were also blown down.						
Calhoun County Calhoun City	02	2100CST 2330CST			0	0	1K		Flash Flood
			Heavy rainfall caused several creeks in the area to flood. Several roads and fields were flooded.						
Yalobusha County Water Vly	02	2100CST 2105CST			0	0	5K		Thunderstorm Wind
			Several power poles were knocked down.						
Chickasaw County 2 S Woodland to 12 E Houston	02	1650CST 1720CST			0	0	0.03K		Hail (0.88)
Calhoun County Vardaman	02	1700CST 1705CST			0	0	5K		Thunderstorm Wind
			Numerous trees were knocked down.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, North									
Chickasaw County									
Woodland to Egypt	02	1710CST 1735CST			0	0	20K		Thunderstorm Wind
Thunderstorm winds damaged parts of Woodland and Egypt. In Woodland, One house lost a porch and a second house had a tree blown on top of it. A mobile home was damaged. Several trees were knocked down with one tree hitting a pick-up truck. In Egypt, several homes were damaged with some windows blown in. A shed was knocked down and several trees were also blown down.									
Clay County									
Montpelier	02	1715CST 1720CST			0	0	1K		Thunderstorm Wind
Several trees were blown down.									
Monroe County									
Aberdeen	02	1730CST 1735CST			0	0	1K		Thunderstorm Wind
A car was blown off the road. Several large tree limbs were blown down.									
MSZ016									
Lee	02	1855CST 1920CST			0	0	5K		High Wind
High winds behind a line of thunderstorms produced damage in southern Lee county. A tractor trailer flipped over on a highway. Several trees were also knocked down.									
Lowndes County									
Caledonia	02	2000CST 2010CST	5	50	0	0	5K		Tornado (F0)
A tornado touched down near the town of Caledonia. The only damage reported with the storm was several downed trees.									
Monroe County									
Hamilton	02	2000CST 2005CST			0	0	10K		Thunderstorm Wind
A widespread area of trees were knocked down.									
Lowndes County									
Columbus	02	2120CST 2125CST			0	0	0.01K		Hail (0.75)
Chickasaw County									
Houston	02	2320CST 2325CST			0	0	1K		Thunderstorm Wind
A grain silo fell on top of a house.									
Monroe County									
Aberdeen	02	2335CST 2340CST			0	0	2K		Thunderstorm Wind
A few trees and power lines were blown down.									
Lee County									
6 W Tupelo	02	2150CST 2155CST			0	0	5K		Thunderstorm Wind
A thirty foot storage building was blown over a house, through a front yard, across a mobile home and into some trees.									
Clay County									
West Pt to West Point	02 03	2200CST 0100CST			0	0	1K		Flash Flood
Over four inches of rain produced flash flooding in the town of West Point. Twenty families had to be evacuated from their homes due to the flood waters.									
Lowndes County									
Columbus	09	0730CST 0735CST			0	0	5K		Thunderstorm Wind
Numerous trees were blown down.									
Tishomingo County									
Iuka	26	2115CST 2120CST			0	0	2K		Thunderstorm Wind
A few trees were knocked down.									
Marshall County									
Mt Pleasant	27	0340CST			0	0	0.01K		Hail (0.75)
Coahoma County									
Clarksdale	27	0400CST 0405CST			0	0	10K		Thunderstorm Wind
Several business suffered roof damage. A utility building was lifted off the ground and destroyed.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<u>MISSISSIPPI, North</u>							
Tallahatchie County							
Charleston	27	0455CST 0500CST			0 0	1K	Thunderstorm Wind
							Several trees were blown down.
Alcorn County							
Corinth	27	0500CST			0 0	5K	Lightning
							A house was damaged by a fire started by lightning.
Chickasaw County							
Woodland	27	0545CST 0550CST			0 0	1K	Thunderstorm Wind
							A few trees were knocked down on top of some power lines.
Tate County							
Senatobia	30	1812CST 1823CST			0 0	0.02K	Hail (0.75)
<u>MISSISSIPPI, South</u>							
Pearl River County							
Ozona to Picayune	03	0420CST			0 0	10K	Thunderstorm Wind
Hancock County							
Kiln	03	0430CST			0 0	10K	Thunderstorm Wind
Harrison County							
Saucier	03	0430CST			0 0		Hail (1.75)
							Severe thunderstorms downed trees in several areas resulting in power outages. A mobile home was also overturned.
Hancock County							
Waveland to Bay St Louis	19	1600CST 2000CST			0 0	100K	Flash Flood
Harrison County							
Pass Christian to Gulfport	19	1700CST 1900CST			0 0		Urban/Sml Stream Fld
							Thunderstorm persisted over the same region of coastal Mississippi producing torrential rainfall. A National Weather Service cooperative observer in Waveland recorded 7.75 inches of rain during the afternoon and evening hours. Hancock County civil defense reported up to 12 inches of rain in some areas. Civil Defense officials reported approximately 60 houses had some type of flooding along with 12 businesses. In Harrison County, rainfall amounts were much less and flooding was confined to streets and small streams.
Pike County							
Summit	21	1208CST			0 0	0.50K	Thunderstorm Wind
							Civil Defense director reported several trees were downed by wind gusts.
Pearl River County							
Poplarville	21	1430CST			0 0		Urban/Sml Stream Fld
							The sheriff's office reported considerable street flooding after heavy rain.
Pearl River County							
Picayune	28	1420CST			0 0		Hail (0.88)
Pearl River County							
5 N Picayune to 5 N Mc Neil	28	1435CST			0 0	1K	Thunderstorm Wind
Amite County							
14 E Liberty	28	1615CST			0 0	25K	Thunderstorm Wind
							Trees were downed by thunderstorm wind gusts in several locations between Picayune and Mc Neil. East of Liberty, near the Amite-Pike County line, several large oak trees were downed by thunderstorm wind gust. A truck and mobile home were heavily damaged by fallen trees.
<u>MISSISSIPPI, Southeast</u>							
Stone County							
Wiggins	23	1420CST 1421CST			0 0		Hail (0.75)
							Dime size hail was reported northeast of Wiggins.
Perry County							
5 S Janice	23	1425CST 1426CST			0 0		Hail (0.75)
							Dime size hail was reported along SH 29 about five miles south of Janice.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSISSIPPI, Southeast									
Wayne County Waynesboro	28	0030CST 0032CST			0	0	1.5K		Thunderstorm Wind (G50)
									Several trees were blown down just northwest of Waynesboro.
Perry County Richton	28	0035CST 0037CST			0	0	1.5K		Thunderstorm Wind (G50)
									Several trees were blown down just west of Richton.
George County Lucedale	28	1545CST 1546CST			0	0	1K		Thunderstorm Wind (G50)
									Several trees were blown down along US HWY 98 just northwest of Lucedale.
Wayne County State Line to Waynesboro	28 29	1830CST 0330CST			0	0	2K		Flash Flood
									Several secondary roads off of US HWY 45 between State Line and Waynesboro were closed during the evening into the early morning hours because of high water. WSR-88D estimated that 5 to 6 inches of rain fell in this area beginning during the late afternoon and continuing into the early morning hours. Most of the rain fell during the early evening hours.
MISSOURI, East									
Scotland County Hitt	02	2045CST			0	0			Hail (1.00)
									Skywarn spotters reported 1 inch hail.
Montgomery County 2 E Middletown	02	2137CST			0	0			Hail (1.00)
									Skywarn spotters reported 1 inch hail.
Ralls County 2 E Perry	02	2150CST			0	0			Thunderstorm Wind (G50)
									County sheriff reported power lines down in the southern part of the county.
Pike County Cyrene	02	2210CST			0	0			Hail (1.00)
									County sheriff reported 1 inch hail.
Lincoln County Elsberry	02	2225CST			0	0			Hail (0.75)
									County sheriff reported 1 inch hail.
Washington County Irontdale	17	1930CST			0	0			Hail (0.75)
									Skywarn spotters reported 3/4 inch hail.
Washington County Potosi	17	1945CST			0	0			Hail (0.75)
									Skywarn spotters reported 3/4 inch hail.
Washington County Potosi	17	1950CST			0	0			Hail (1.00)
									Skywarn spotters reported 1 inch hail.
Crawford County 4 S Cuba	17	2045CST 2046CST	0.1	50	0	0			Tornado (F0)
									Cuba police reported a brief tornado touchdown south of Cuba along Highway 19.. Damage was limited to a few trees down.
Washington County Mineral Pt	17	2115CST			0	0			Hail (1.75)
									Skywarn spotters reported golfball size hail.
Scotland County Memphis	18	1915CST			0	0			Hail (1.75)
									County sheriff reported golfball size hail.
Lewis County Lewistown	18	2055CST			0	0			Hail (0.75)
									County sheriff reported 3/4 inch hail.
Knox County Countywide	18 19	2115CST 0015CST			0	0			Flash Flood
									Rainfall from 3 to 4 inches in 2 hours caused flash flooding across Knox County. Up to a foot of water was reported on roads in Edina. Cars were flooded on Route 16. Storm sewers were also flooded.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
<u>MISSOURI, East</u>								
Cole County								
Centertown	25	1640CST			0	0		Hail (0.88) County sheriff reported nickel size hail.
Franklin County								
Union	25	1829CST			0	0		Hail (0.75)
Franklin County								
Union	25	1829CST			0	0		Thunderstorm Wind (G51) Amateur radio spotters and the county sheriff reported golfball size hail and wind gusts of at least 60 mph in Union. Trees and power lines were also downed. Most of the hail and high winds occurred at the intersection of I-44 and US 50.
Franklin County								
Catawissa	25	1840CST			0	0		Hail (0.75) Amateur radio spotters reported golfball size hail.
Warren County								
Marthasville	25	1937CST			0	0		Thunderstorm Wind (G50) Amateur radio spotters reported a few trees and power lines down .
Jefferson County								
Byrnes Mill	25	1945CST			0	0		Thunderstorm Wind (G50) County sheriff reported trees and power lines down.
Jefferson County								
Barnhart	25	1950CST			0	0		Hail (0.75) County sheriff reported 3/4 inch hail.
Jefferson County								
De Soto	25	2000CST			0	0		Hail (0.75) Skywarn spotters reported 3/4 inch hail.
Jefferson County								
De Soto	25	2000CST			0	0		Thunderstorm Wind (G50) De Soto police reported trees and power lines down.
Ste. Genevieve (C)								
Ste Genevieve	25	2045CST			0	0		Thunderstorm Wind (G51) County sheriff reported trees and power lines down.

MISSOURI, Lower

NONE REPORTED.

MISSOURI, Northwest

MOZ020-028-032-039- Buchanan - Platte - Chariton - Saline - Johnson - Cooper - Henry

044-046-054

01	0000CST				0	0		Flood
31	2359CST							
Several episodes of heavy rain across West Central and Northwest Missouri during May caused minor to moderate river flooding. The heaviest rains fell on May 17,18 then again on May 25,26.								
South Grand River								
Urich, MO								
Flood Stage		24 ft						
Above Flood Stage		5/18 to 5/22			5/25 to 5/31			
Crest		26.6 ft on 5/19			27.95 ft on 5/28			
Big Creek								
Blairstown, MO								
Flood Stage		20 ft						
Above Flood Stage		5/26 to 5/28						
Crest		24.8 ft on 5/27						
Platte River								
Agency, MO								

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MISSOURI, Northwest

Crest			20.97 ft on 5/3						
Sibley, MO									
Flood Stage			22 ft						
Above Flood Stage			5/1 to 5/6		5/7 to 5/12				
Crest			28.46 ft on 4/11		23.4 ft on 5/9				
Napolean, MO									
Flood Stage			17 ft						
Above Flood Stage			5/1 to 5/16		5/27 to 5/31				
Crest			24.2 ft on 4/12		17.77 ft on 5/31				
Waverly, MO									
Flood Stage			20 ft						
Above Flood Stage			5/1 to 5/17		5/27 to 5/31				
Crest			26.53 ft from 4/13		20.66 ft on 5/31				
Miami, MO									
Flood Stage			18 ft						
Above Flood Stage			5/1 to 5/6		5/8 to 5/12				
Crest			N/A		N/A				
Glasgow, MO									
Flood Stage			25 ft						
Above Flood Stage			5/3 to 5/5						
Crest			25.4 ft on 5/4						
Boonville, MO									
Flood Stage			21 ft						
Above Flood Stage			5/3 to 5/6		5/10 to 5/11				
Crest			21.8 ft on 5/4		21.2 ft on 5/10				

Worth County

1 W Grant City

02	1634CST				0	0			Hail (1.75)
	1639CST								

Worth County Sheriff office reported golfball-size hail which covered the ground 2 inches deep a mile west of Grant City.

Worth County

2 W Allendale to
1 E Allendale

02	1645CST				0	0			Hail (1.00)
	1705CST								

Severe thunderstorms dropped one inch hail in Allendale extending a mile to the east. Two miles west of Allendale the hail completely covered the ground.

Livingston County

2 SE Chula

02	1749CST				0	0			Hail (0.75)
	1755CST								

The Livingston County Sheriff office reported dime-size hail 2 miles southeast of Chula.

Harrison County

4 NE Blythedale to
3 SE Andover

02	1753CST				0	0			Hail (1.00)
	1755CST								

Quarter-size hail was reported by the public 3 miles southeast of Andover while dime-size hail was observed by the county sheriff's office 4 miles northeast of Blythedale.

Mercer County

Saline

02	1805CST				0	0			Hail (1.00)
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Quarter-size hail was reported by a resident of Saline during a severe thunderstorm.

Mercer County

1 E Mercer to
Cleopatra

02	1826CST				0	0			Hail (0.75)
	1845CST								

Severe thunderstorms dropped dime-size hail over portions of Mercer County. Spotters reported dime-size hail at Cleopatra and a mile east of Mercer.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
Putnam County 2 SW Powersville to 5 NW Unionville	02	1855CST 1920CST			0	0			Hail (1.25)
									A Putnam County resident reported half dollar -size hail 2 miles southwest of Powersville. The county sheriff office reported nickel-size hail coverering the ground at Lake Thunderhead.
Schuyler County 1 SE Lancaster to 2 NW Downing	02	2018CST 2040CST			0	0			Hail (1.75)
									The Schuyler County Sherrif's office reported golfball-size hail a mile southeast of Lancaster and dime-size hail 2 miles northwest of Downing.
Macon County 4 N Woodville to 6 E La Plata	02	2030CST 2056CST			0	0			Hail (1.00)
									Macon County highway patrol reported one inch hail that covered the roadway 6 miles east of La Plata. Four miles north of Woodville, a citizen reported nickel -size hail.
Atchison County 13 N Rockport	07	1525CST			0	0			Hail (0.75)
									Dime-size hail was reported by the public during a severe thunderstorm 13 miles north of Rockport.
Nodaway County Burlington Jct to Maryville	16	1625CST 1649CST			0	0			Hail (1.75)
									Severe thunderstorms dropped large hail across the county. At Burlington Junction, the sheriff's office reported golfball-size hail . A local radio station in Maryville reported dime-size hail.
Worth County Sheridan	16	1810CST			0	0			Thunderstorm Wind (G65)
									A local radio station reported a wind gust to 65 MPH at Sheridan during a severe thunderstorm.
Nodaway County 5 S Barnard	16	1910CST			0	0			Thunderstorm Wind (G60)
									Severe weather spotters reported wind gusts to 60 MPH about 5 miles south of Barnard during a severe thunderstorm.
Andrew County Bolckow	16	1915CST			0	0			Thunderstorm Wind (G60)
									Emergency Management officials reported wind gusts to 60 MPH at Bolckow during a severe thunderstorm.
Daviess County Gallatin	16	1925CST			0	0			Thunderstorm Wind (G60)
									A private citizen reported a wind gust to 60 MPH during a severe thunderstorm at Gallatin.
Cass County Harrisonville to Freeman	17	1838CST 1857CST			0	0			Hail (1.75)
									Golfball-size hail was reported by the county sheriff's office in Harrisonville and an inch and a quarter size hail was reported in Freeman by the local fire department.
Cass County Gunn City to 7 NE Pleasant Hill	17	1921CST 1940CST			0	0			Hail (1.75)
									Severe weather spotters reported golfball-size hail from severe thunderstorms at Gunn City and about 7 miles northeast of Pleasant Hill.
Johnson County Kingsville to 10 N Elm	17	1944CST			0	0			Hail (1.75)
									A spotter just south of the Lafayette County line about 10 miles north of Elm reported golfball-size hail during a severe thunderstorm while another spotter observed dime-size hail in Kingsville.
Lafayette County Chapel Hill	17	2005CST			0	0			Hail (1.75)
									Golfball-size hail was reported in a severe thunderstorm just off Z Highway in Chapel Hill.
Cass County Gunn City	17	2027CST			0	0			Hail (1.75)
									A second round of severe thunderstorms produced large hail over portions of Cass County. A HAM Radio operator reported golfball-size hail at Gunn City.
Bates County Merwin	17	2035CST			0	0			Thunderstorm Wind (G60)
									A Bates County citizen reported a 60 MPH wind gust at Merwin. No significant damage was reported.
Pettis County Hughesville	17	2115CST			0	0			Thunderstorm Wind (G60)
									Severe thunderstorm winds blew down an old barn at Hughesville.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Northwest									
Bates County									
Butler to Rich Hill	17	2120CST 2147CST			0	0			Thunderstorm Wind (G75)
Severe thunderstorm winds were observed at 75 MPH in Butler. Several large trees were knocked down with the strong winds. In Rich Hill the thunderstorm winds knocked down power lines. The same severe thunderstorm produced dime-size hail as reported by the Rich Hill Police Department.									
Ray County									
Richmond	18	1130CST			0	0	10K		Lightning
Lightning struck a power line which carries a surge of electricity into a a Richmond home during a thunderstorm. The electrical surge sparked a fire which resulted in about 10,000 dollars in damage to the home. No one was injured in the fire.									
Grundy County									
Laredo	18	1717CST			0	0			Hail (1.00)
A Trenton radio station reported that hail an inch in diameter fell during a severe thunderstorm in Laredo.									
Sullivan County									
4 SSW Humphreys to Browning	18	1728CST 1759CST			0	0			Hail (1.75)
The public reported golfball-size hail 4 miles southwest of Humphreys and quarter-size hail in Browning during a severe thunderstorm.									
Linn County									
15 NW Purdin	18	1736CST			0	0			Hail (0.88)
The public reported nickel-size hail in Northwest Linn County along Route MM about 15 miles northwest of Purdin.									
Sullivan County									
1 E Winigan	18	1830CST			0	0			Hail (1.75)
Golfball-size hail was reported by the public about a mile east of Winigan.									
Andrew County									
13 E Savannah	18	1836CST			0	0			Hail (0.75)
The public reported dime-size hail about 13 miles east of Savannah.									
De Kalb County									
10 S Union Star	18	1837CST			0	0			Hail (0.75)
A spotter reported dime-size hail along Route F about 10 miles south of Union Star.									
Jackson County									
1 N Oak Grove	18	1837CST			0	0			Hail (0.75)
Jackson County Emergency Management reported dime-size hail about a mile north of Oak Grove.									
Adair County									
Novinger to Kirksville	18	1846CST 1939CST			0	0			Hail (0.88)
Spotters and a Kirksville radio station reported dime to nickel-size hail near Novinger, Greentop and Kirksville.									
Schuyler County									
5 E Greentop	18	1910CST			0	0			Hail (1.00)
Spotters reported one inch diameter hail 5 miles east of Greentop.									
Clay County									
Kearney	18	1946CST 1955CST			0	0			Hail (1.00)
A storm spotter reported one inch diameter hail in Kearney along I-35.									
Macon County									
Gifford	18	1951CST			0	0			Hail (0.75)
Spotters reported dime-size hail along the southern end of Gifford.									
Platte County									
Waldron	18	1952CST			0	0			Hail (0.88)
The Platte County Sheriff Office reported nickel-size hail at Waldron.									
Adair County									
Kirksville	18	1955CST 2000CST			0	0			Hail (1.75)
A Kirksville radio station reported that golfball-size hail fell for 5 minutes during a severe thunderstorm.									
Clay County									
Kearney	18	1955CST			0	0			Thunderstorm Wind (G60)
A spotter reported a 60 MPH wind gust along I-35 in Kearney during a severe thunderstorm.									
Caldwell County									
4 SW Hamilton	18	2027CST			0	0			Hail (1.75)
A spotter reported golfball-size hail 4 miles southwest of Hamilton near the intersection of highway 13 and Route P.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Northwest									
Jackson County									
Lees Summit	18	2103CST			0	0			Thunderstorm Wind (G65)
	Lee's Summit Fire Department reported several large trees down from thunderstorm wind gusts to 65 MPH.								
Cass County									
Peculiar	25	0200CST 0400CST			0	0			Flash Flood
	Up to two inches of rain fell during slow moving thunderstorms. These rains resulted in the flooding of several road ways throughout Western Cass County. Up to a foot of water covered the roads in Peculiar.								
Cass County									
5 SW Belton to Archie	25	2108CST 2135CST			0	0			Hail (1.75)
	Severe thunderstorms dropped large hail over sections of Cass County. A weather spotter in Archie reported golfball-size hail during the storms and the Belton Emergency Management reported dime-size hail in Belton.								
Bates County									
1 N Adrian to Rich Hill	25	2128CST 2132CST			0	0			Hail (1.75)
	Severe thunderstorms produced golfball-size hail in parts of Bates County. A Kansas City television station reported golfball-size hail a mile north of Adrian. The Adrian Police Department reported golfball-size hail in Rich Hill.								
Bates County									
Amsterdam to 5 E Worland	25	2313CST 2315CST			0	0			Thunderstorm Wind (G70)
	The Bates County sheriff office reported tree limbs down up to 6 inches in diameter in Amsterdown and 5 miles east of Worland. Wind speeds were estimated at 70 MPH by severe weather spotters.								
MISSOURI, Southeast									
MOZ076-087									
Perry - Cape Girardeau									
	01	0001CST			0	0			Flood
	08	1800CST							
	The Mississippi River fell below flood stage at Cape Girardeau on May 8, after cresting a few feet above flood stage in late April. Planting season was generally delayed until after the river fell below flood stage, so damage was minimal. The Mississippi again rose above flood stage on May 31, which resulted in significant problems for bottomland farmers.								
Perry County									
Perryville	02	1240CST			0	0			Thunderstorm Wind (G56)
	A spotter measured a wind gust to 64 MPH.								
Butler County									
Poplar Bluff	02	1940CST			0	0			Thunderstorm Wind (G52)
	A spotter estimated wind gusts near 60 MPH.								
Stoddard County									
Puxico to Bloomfield	02	1950CST			0	0			Hail (0.88)
Scott County									
Commerce	02	2023CST			0	0			Hail (1.00)
Ripley County									
11 N Doniphan	17	1625CST			0	0			Thunderstorm Wind (G60)
	Trees were blown down along a path half a mile to one mile wide.								
Ripley County									
2 N Doniphan	17	1645CST			0	0			Hail (1.75)
	Golf ball size hail fell around Highway K.								
Stoddard County									
Bloomfield	19	1340CST			0	0			Hail (0.75)
Scott County									
2 N Sikeston	19	1356CST			0	0			Funnel Cloud
	A funnel cloud was observed by a trained spotter just northeast of Sikeston. The brief funnel cloud was not produced by a supercell thunderstorm. It was a gustnado type of phenomenon caused by the interaction of thunderstorm outflow boundaries. No confirmations of a touchdown were received. No damage was reported.								
Perry County									
Brewer	25	2100CST			0	0			Thunderstorm Wind (G52)
	A spotter estimated winds near 60 MPH.								
Wayne County									
Greenville	26	1406CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
MISSOURI, Southeast									
Wayne County Greenville to Wappapello	26	1406CST 1426CST			0	0			Thunderstorm Wind (G52)
Tree limbs were down near Greenville. Police estimated gusts near 60 MPH at Wappapello.									
Perry County Perryville	26	1430CST			0	0			Urban/Sml Stream fld
Streets were closed by flooding.									
Perry County Perryville	26	1435CST			0	0			Hail (1.00)
Perry County Perryville	26	1435CST			0	0			Thunderstorm Wind (G61)
Wind gusts to 70 MPH were reported. Some trees were blown down.									
Stoddard County Dudley to 9 E Dexter	26	1448CST 1453CST			0	0	40K		Thunderstorm Wind (G60)
Trees were blown down in a line from Dudley to east of Dexter. Some roof damage and power line damage occurred. Siding was ripped from a house along Route 153. Trees landed across a few roads, including Route 51, which was blocked for a time. A house about 3 miles south of Puxico was damaged by flying debris.									
Stoddard County Dexter	26	1508CST			0	0			Hail (0.88)
New Madrid County New Madrid	26	1530CST			0	0	10K		Thunderstorm Wind (G52)
Trees and power poles were down.									
Stoddard County Aid	26	1600CST 1715CST			0	0			Flash Flood
Thunderstorms continually regenerated over northwest parts of Stoddard County and moved southeast. Rainfall totals were estimated as much as 3.5 inches in 3 hours northwest of Dexter. Street flooding occurred in Aid.									
Wayne County Williamsville	26	1615CST 1745CST			0	0			Flash Flood
Thunderstorms continually redeveloped over Wayne County. The storms produced copious amounts of rainfall, which amounted to as much as 5 inches in 3 hours, according to radar estimates.									
Butler County 2 N Poplar Bluff	26	1637CST			0	0			Hail (0.75)
Bollinger County Marble Hill	26	1900CST 2200CST			0	0	100K		Flash Flood
Thunderstorms produced rainfall amounts from 2 to 5 inches in northern Bollinger County within several hours time. Dozens of roads across the county were closed by flooding. Parts of Marble Hill and Lutesville were evacuated due to severe flooding of Crooked Creek. Cane Creek and the Castor River also flooded. A local official stated this was the worst flash flooding since 1983 in Bollinger County.									
MOZ100 Wayne	31	0900CST 2359CST			0	0			Flood
The St. Francis River crested several feet above the 16-foot flood stage at Patterson around 2:30 P.M. on May 31. Widespread heavy rains from 1 to 3 inches during the previous evening caused the flooding.									
MISSOURI, Southwest									
Lawrence County 2 N Aurora	02	1430CST			0	0			Hail (0.75)
Jasper County Avilla	02	1540CST			0	0			Hail (0.75)
Dade County Greenfield	02	1605CST			0	0			Hail (0.75)
Greene County 1 N Springfield	02	1615CST			0	0			Hail (1.00)
Greene County Springfield	02	1625CST			0	0			Hail (0.75)
Christian County 2 N Ozark	02	1630CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Dallas County									
Long Lane	02	1640CST			0	0			Hail (0.75)
Christian County									
Sparta	02	1645CST			0	0			Hail (0.75)
Christian County									
1 N Elkhead	02	1700CST			0	0			Hail (0.75)
Maries County									
Vichy	02	1742CST			0	0			Hail (0.75)
St. Clair County									
Appleton City	02	1906CST			0	0			Hail (0.88)
Barton County									
Irwin	13	2035CST			0	0			Hail (0.75)
Dade County									
9 NE Greenfield	13	2105CST			0	0	0	5K	Hail (1.75)
			Large hail caused damage to wheat crop.						
Greene County									
Strafford	13	2120CST			0	0			Thunderstorm Wind (G55)
Wright County									
Grovespring	13	2140CST			0	0			Hail (0.75)
Webster County									
Rogersville	13	2147CST			0	0			Hail (1.00)
Benton County									
Lincoln	17	1920CST			0	0			Hail (0.75)
Benton County									
5 N Warsaw	17	1938CST			0	0			Hail (1.75)
Phelps County									
Rolla	17	2000CST			0	0	0	0	Hail (1.75)
Benton County									
2 W Warsaw	17	2016CST			0	0			Hail (0.75)
Miller County									
Iberia	17	2017CST			0	0			Hail (1.00)
Benton County									
Warsaw	17	2045CST			0	0			Hail (0.75)
Benton County									
5 N Warsaw	17	2100CST 2200CST			0	0	10K	0	Flash Flood
			Rainfall of up to 3 inches in less than two hours caused flash flooding across the central sections of the county. Highway 65 was closed in three places between Warsaw and Lincoln. State Highways BB and T were closed temporarily with numerous other secondary roads under water. One truck was washed off a low water bridge, but no injuries were reported. Civil Defense director reported some road and bridge damage.						
Pulaski County									
Hancock	17	2110CST			0	0	0	0	Hail (1.75)
Phelps County									
Rolla	17	2115CST			0	0			Hail (0.75)
Maries County									
5 S Vienna	17	2125CST			0	0			Hail (0.75)
Pulaski County									
Dixon	17	2140CST			0	0	5K	0	Hail (1.75)
Phelps County									
Rolla	17	2200CST			0	0	0	0	Flash Flood
			Rainfall of up to 3 inches caused widespread street flooding in Rolla.						
Benton County									
5 SE Warsaw	17	2245CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Miller County									
Eldon	25	1645CST			0	0			Hail (0.88)
Benton County									
Fristoe	25	2223CST			0	0	15K	0	Thunderstorm Wind
Thunderstorm winds demolished a pole barn and downed trees.									
Vernon County									
Horton	25	2230CST			0	0			Thunderstorm Wind (G55)
St. Clair County									
6 S Appleton City	25	2320CST	0.1	2	0	0	0.50K	0	Tornado (F0)
A brief tornado touchdown occurred 6 miles south of Appleton City, just south of Highway P near the Bates County line. The only damage noted was to an old barn, which sustained roof damage.									
St. Clair County									
Osceola	26	0015CST			0	0			Hail (1.00)
St. Clair County									
Vista	26	0042CST			0	0			Flash Flood
Heavy rains caused flooding of low water crossings along Highway V.									
Miller County									
4 N Tuscumbia	26	0250CST			2	0	0	0	Flash Flood
A flash flood along the Saline Creek swept away 2 girls while they were camping along the creek. F5CA, F9CA									
Newton County									
2 S Joplin	26	1740CST			0	0	0	0	Hail (1.75)
Stone County									
Crane	26	1746CST			0	0	3K	0	Hail (2.75)
Christian County									
Billings	26	1755CST			0	0			Hail (1.00)
Jasper County									
Duenweg	26	1801CST			0	0			Hail (0.75)
Ozark County									
Theodosia	26	1821CST			0	0	0	0	Hail (1.75)
Christian County									
Nixa	26	1831CST			0	0			Hail (0.75)
Oregon County									
Riverton	26	1857CST			0	0			Hail (0.75)
Greene County									
Springfield	26	1909CST			0	0			Hail (0.88)
Jasper County									
7 W Sarcoxie	26	1930CST			0	0			Hail (0.75)
Ozark County									
Wasola	26	1930CST			0	0			Hail (0.88)
Taney County									
Taneyville	26	2005CST			0	0			Hail (1.00)
Greene County									
Springfield	26	2008CST			0	0	10K	0	Hail (2.50)
Large hail was reported at the eastern and southeastern edge of the city. Cars at a dealership along Highway 65 were dented by the hail.									
Howell County									
Sterling	26	2046CST			0	0	0	0	Hail (2.50)
Texas County									
Cabool	26	2046CST			0	0	10K	0	Hail (2.50)
Large hail knocked out windshields at a Truck Stop along Highway 60.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
MISSOURI, Southwest									
Oregon County 2 W Thayer	26	2050CST			0	0			Hail (1.00)
Newton County Stark City	26	2100CST			0	0	5K	5K	Thunderstorm Wind Thunderstorm winds downed numerous trees and blew roof off a porch in Stark City. Tree limbs were also down in Newtonia and a 20 acres oat field was flattened.
McDonald County 3 NE Powell to 6 ENE Powell	26	2113CST 2115CST	4	200	0	0	5K	0	Tornado (F0) A tornado touchdown occurred in a rural area uprooting numerous trees. One tree destroyed a outbuilding.
McDonald County Anderson	26	2122CST			0	0	0	0	Hail (1.75)
Barry County Purdy	26	2155CST			0	0	0	0	Thunderstorm Wind Thunderstorm winds downed numerous trees.
Newton County Neosho	26	2200CST			0	0	10K	0	Flash Flood Heavy rainfall of up to 3 inches in one hour caused widespread flash flooding throughout the city. Many city streets became impassable and some vehicles from a car lot floated into a ditch.
Barry County Mc Dowell	26	2204CST			0	0			Thunderstorm Wind Thunderstorm winds downed numerous trees.
Ozark County Theodosia	26	2212CST			0	0			Hail (0.75)
Howell County 10 S West Plains	26	2230CST			0	0	0	0	Flash Flood Heavy rains of up to 3 inches in three hours caused flooding of Highway 17, south of town.
Ozark County Elijah	26	2330CST			0	0	0	0	Flash Flood Heavy rainfall caused flooding of low water crossings along Highway H.
Jasper County Waco	30	0700CST			0	0	0	0	Flash Flood Rainfall of up to 2 inches in less than two hours caused rapid rises along area creeks and caused some street flooding.
Newton County Neosho	30	0800CST			0	0	0	0	Hail Rainfall of up to 2 inches fell on saturated ground resulting in street flooding.
Greene County Springfield	30	0920CST			0	0	0	0	Flash Flood Over an inch of rain in less than one hour caused urban flooding in the city. Numerous streets and low spots were flooded with water up to the curb in many cases. One vehicle got stranded in high water and its occupants rescued.
Webster County 6 NW Fordland	30	1040CST			0	0	0	0	Flash Flood Heavy rains caused flooding of low water crossings between Fordland and Marshfield.
Laclede County Lebanon	30	1100CST			0	0			Flash Flood

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MISSOURI, Southwest

Rainfall of up to two inches caused flooding of low water crossings along Highway 32.

Texas County **Raymondville**

30	1130CST				0	0	0	0	Flash Flood
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Rainfall of up to 2 inches in less than two hours caused flooding of low water crossings along Highway B, east of town.

Wright County **5 S Grovespring**

30	1130CST				0	0	0	0	Flash Flood
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Heavy rains caused flooding of low water crossings throughout northwest Wright county.

Shannon County **Alley Spring**

30	1420CST				0	0	0	0	Flash Flood
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Rainfall of up to 3 inches in less than two hours caused rapid rises along rivers and creeks in the county. The National Park Service Ranger Station at Alley Spring was flooded.

Dent County **Montauk**

30	1530CST				0	0	0	0	Hail
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Rainfall of up to 3 inches caused rapid rises along the Current River and Pigeon Creek near Montauk State Park. Low water crossings were also flooded.

MONTANA, Central

Cascade County **Great Falls**

07	1800MST				0	0			Hail (0.75)
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National Weather Service employee reported 7/8 inch hail at his residence.

Fergus County **Winifred**

31	1425MST				0	0			Thunderstorm Wind (G63)
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Fergus County **Roy**

31	1613MST				0	0			Thunderstorm Wind (G60)
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Glacier County **Cutbank**

31	1900MST				0	0			Thunderstorm Wind (G54)
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Toole County **Shelby**

31	1910MST				0	0			Thunderstorm Wind (G51)
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Pondera County **Valier**

31	1915MST				0	0			Thunderstorm Wind (G52)
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MONTANA, East

Richland County **10 N Sidney**

19	0600MST 0800MST				0	0			Late Freeze
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A hard late season freeze took a toll on sugar beets. Temperatures dipped down to 20 to 25 degrees. An early estimate on the number of acres lost ranged between 3500 to 8000 acres.

MONTANA, South

MTZ032

Custer

04	1320MST 1330MST				0	0			High Wind
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boat was blown into a shed, railroad crossing arm was broken, and several buildings had shingles blown off in miles city.

Rosebud County **10 S Rosebud**

06	1630MST 1645MST				0	0			Hail
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law enforcement official reported 3/4 inch hail 10 miles south of miles city.

Musselshell County **20 S Roundup**

21	1715MST				0	0			Urban/Sml Stream Fld
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numerous reports of small stream flooding south of roundup.

Stillwater County **10 W Reed Pt**

21	1755MST 1820MST				0	0			Urban/Sml Stream Fld
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small stream flooding into low lying areas west of ryegate

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MONTANA, South</u>									
Stillwater County									
3 NW Nye	22	2008MST 2015MST			0	0			Hail
	3/4 inch hail reported 3 miles northwest of nye								
<u>MONTANA, West</u>									
MTZ001>005-007									
Kootenai/Cabinet Region - West Glacier/Bob Marshall Region - Flathead/Mission Valleys - Lower Clark Fork/Bitterroot Mountains - Missoula/Bitterroot Valleys - Upper Clark Fork Valley									
01		0001MST			0	0	2.3M		Flood
31		2359MST							
	Snowmelt flooding caused numerous road closures and road washouts throughout the region. In Flathead County, at least three road washouts were reported and one bridge damaged. At least 50 homes were flooded, mainly along Ashley Creek and the Stillwater, Swan and Whitefish Rivers. 50 people were isolated along Truman Creek, which washed out an access road. In Missoula County, at least four bridges were damaged, including a collapsed bridge on Sun Ray Lane in Lolo. Hardest hit was property along the Clark Fork River, Lolo and Rock Creeks. Several culverts and dikes were damaged. In Sanders County, extensive flooding occurred from Plains to Thompson Falls. One road washout resulted in 10 homes being isolated west of Plains along Eddy Creek. At least two bridges were damaged in the county, while four homes were flooded along the Clark Fork River near Plains. In Lake County, five structures were damaged from ground and spring water resulting from snowmelt near Woods Bay. Route 35 near Woods Bay was closed since late April, with 60 acres of flooding. The Joeko River flooded two homes and three trailers, and damaged one bridge. The Swan River flooded one home while the Little Bitterroot River flooded and damaged two bridges. In Ravalli County, six bridges were damaged from snowmelt flooding on the Bitterroot River, with bridges also damaged over Sleeping Child and Skalkaho Creeks. One home lost its foundation and several had water in basements along the Bitterroot River. In Mineral County, snowmelt flooding caused four-25 foot sections of guard rail from Interstate 90 to hang into the Clark Fork River. A 60-foot section of frontage road along the interstate was washed away seven miles east of Superior. In Lincoln County, flooding caused about 15 homes and many roads, culverts and dikes to be flooded along the Yaak River, while one bridge was damaged on O'Brien Creek.								
MTZ002									
West Glacier/Bob Marshall Region									
08		0001MST 2359MST			0	0	200K		Heavy Snow
	A 103,000 gallon water tank at Lake McDonald Lodge collapsed under the weight of accumulated winter snow. The tank, 20 feet tall and 31 feet in diameter, would cost \$200,000 to replace.								
Lincoln County									
Troy to Libby	31	1540MST 1550MST			0	0			Thunderstorm Wind (G52)
	Thunderstorm winds up to 60 mph, blew down power lines and lots of trees of unknown size and blocking Yaak River Road near Libby, and roofs were ripped off in Troy.								
Mineral County									
Superior	31	1600MST 1700MST			0	0			Thunderstorm Wind (G52)
	Thunderstorm winds blew a trailer over 2-3 miles east of Superior.								
Sanders County									
Noxon	31	1600MST 1700MST			0	0			Thunderstorm Wind (G57)
	Thunderstorm wind gusts up to 65 mph measured at Noxon school weather station. Numerous trees and power lines knocked down with power outages.								
Missoula County									
Huson	31	1730MST 1800MST			0	0			Thunderstorm Wind (G63)
	Thunderstorm wind gusts to 72 mph blew the roof of a trailer home in Huson, and blew down numerous trees near Nine Mile Creek.								
Flathead County									
Kalispell Intl Arprt to West Glacier	31	1800MST 1830MST			0	0			Thunderstorm Wind (G52)
	After causing 52 mph wind gusts at Glacier Park Airport and a six inch diameter tree branch down in Creston, thunderstorm winds blew approximately 200 trees over near Bowman Lake, some up to 30 inches in diameter. The downed trees severely damaged three cars.								
Granite County									
Hall	31	1845MST 1900MST			0	0			Thunderstorm Wind (G52)
	Thunderstorm wind gusts estimated up to 60 mph.								
<u>NEBRASKA, Central</u>									
Cherry County									
12 NNE Brownlee	06	1730CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, Central</u>									
Brown County									
26 SW Ainsworth	06	1830CST 1915CST			0	0			Hail (1.75)
Blaine County									
11 NNW Brewster	06	1930CST			0	0			Hail (1.25)
Loup County									
Almeria	06	2030CST			0	0			Hail (1.25)
Custer County									
Comstock	06	2115CST			0	0			Hail (0.88)
Sheridan County									
1 N Gordon	16	1421CST			0	0			Hail (0.75)
Holt County									
22 NNW O Neill	17	1730CST			0	0			Hail (1.00)
<u>NEBRASKA, East</u>									
NEZ045									
Washington									
01		0000CST			0	0			Flood
03		1200CST							
Flooding along the Missouri river continued as a result of snowmelt runoff over the northern plains and subsequent high releases from upstream dams.									
NEZ052									
Douglas									
01		0000CST			0	0			Flood
20		1200CST							
Flooding along the Missouri river continued as the result of snowmelt runoff from the northern plains and subsequent high releases from upstream dams.									
NEZ053-067>068-091-093									
Sarpy - Cass - Otoe - Nemaha - Richardson									
01		0000CST			0	0			Flood
31		2359CST							
Flooding along the Missouri river continued as a result of snowmelt runoff from the northern plains and subsequent high releases from upstream dams.									
Douglas County									
8 W (Oma)Eppley Fld Omaha	07	1410CST			0	0			Hail (1.00)
At the corner of 90TH and BLONDO.									
Sarpy County									
Bellevue	07	1504CST			0	0			Hail (1.75)
At the corner of 48TH and GILES Roads.									
Lancaster County									
1 WNW Hallam to 1 E Hallam	07	1508CST 1512CST	1.2	20	0	0	0		Tornado (F0)
Gage County									
1.5 W Cortland	07	1510CST			0	0			Funnel Cloud
Lancaster County									
1 WSW Hallam to .5 ESE Hallam	07	1512CST 1514CST	1.8	20	0	0	0		Tornado (F0)
Nemaha County									
5 SE Auburn	07	1513CST			0	0			Hail (1.00)
Nemaha County									
5 SE Auburn	07	1513CST			0	0	4K		Thunderstorm Wind
Thunderstorm winds blew a window out of a shop and part of a roof off a shed.									
Gage County									
3 WNW Cortland to 1 WNW Cortland	07	1514CST 1515CST	2	20	0	0	0		Tornado (F0)
Lancaster County									
1 S Sprague	07	1517CST			0	0			Hail (1.50)
Lancaster County									
Hickman	07	1520CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEBRASKA, East</u>									
Gage County									
1 NW Clatonia	07	1520CST			0	0			Funnel Cloud
Lancaster County									
2 WNW Princeton to 3 ESE Princeton	07	1520CST 1528CST	4	100	0	0	300K		Tornado (F1)
Seven to ten homes in Princeton sustained roof damage and one home had metal siding stripped off. Numerous trees were blown down near Princeton. Many windows were broken out from businesses and homes.									
Lancaster County									
3 N Firth to 1 E Firth	07	1531CST 1536CST	2.5	20	0	0	0		Tornado (F0)
NEZ011>012-015>018-030>034-042>045-050>053-065>068-078-088>093									
Knox - Cedar - Thurston - Antelope - Pierce - Wayne - Boone - Madison - Stanton - Cuming - Burt - Platte - Colfax - Dodge - Washington - Butler - Saunders - Douglas - Sarpy - Seward - Lancaster - Cass - Otoe - Saline - Jefferson - Gage - Johnson - Nemaha - Pawnee - Richardson									
	13	0100CST 0800CST			0	0			Extreme Cold
A record breaking late season cold snap generated the latest spring freeze on record over portions of eastern Nebraska as temperatures dipped into the 26-32F degree range. Some minor crop and fruit tree damage resulted from the cold temperatures. This was especially true in low lying areas since the cold air tended to drain into those areas. Damage was generally minor as many of the plants had just begun to emerge and were not particularly susceptible to the cold.									
Gage County									
Barneston	16	1643CST			0	0			Hail (0.88)
Richardson County									
6 N Falls City	17	2045CST			0	0			Hail (1.00)
<u>NEBRASKA, Extreme Northeast</u>									
NONE REPORTED.									
<u>NEBRASKA, Extreme Southwest</u>									
NONE REPORTED.									
<u>NEBRASKA, South Central</u>									
Sherman County									
Loup City	06	2155CST			0	0	0	0	Hail (0.75)
Howard County									
5 W Dannebrog	06	2300CST			0	0	0	0	Hail (0.75)
Severe thunderstorms rolled across parts of south central Nebraska during the late evening. Funnel clouds were observed near Loup City while hail covered the ground west of Dannebrog with the storms passage.									
York County									
2 S Henderson	17	1820CST			0	0	10K	0	Dry Microburst
An isolated thunderstorm produced a dry microburst south of Henderson. The resulting wind partially damaged an irrigation pivot which was running at the time.									
Buffalo County									
Ravenna	27	1400CST			0	0	60K	0	Heavy Rain
The weight from near 3 inches of rain over 3 days may have contributed to the collapse of an already weakened theatre roof in downtown Ravenna. The building was used for storage and contained 5 cars, washing machines and old toys at the time of the collapse.									
<u>NEBRASKA, West</u>									
Kimball County									
8 NW Kimball	24	1840MST 1842MST	0.1	10	0	0	0	0	Tornado (F0)
A weak tornado touched down briefly over open rangeland.									
Kimball County									
18 SW Kimball to 10 SW Kimball	24	1845MST 1900MST			0	0	10K	30K	Hail (1.50)
Ping Pong ball sized hail fell in southwest Kimball County.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
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NEBRASKA, West

Kimball County

Bushnell to 6 E Dix	24	1900MST			0	0	1M	500K	Flash Flood
	25	0330MST							

A series of thunderstorms produced in excess of 7.5 inches of rain over parts of western Kimball County during a 5-hour time frame. Flooding occurred along Lodgepole Creek from Bushnell east to the county line.

Kimball County

15 SW Kimball to 10 SW Kimball	24	1915MST 1930MST			0	0	10K	20K	Hail (1.50)
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A second storm dumped Ping Pong ball sized hail and very heavy rain within 2 miles of the location that received 1.5 inch hail an hour earlier.

Cheyenne County

3 W Potter to Lodgepole	25	0330MST			0	0	2M	500K	Flood
	26	1200MST							

Widespread flooding occurred along Lodgepole Creek and Sand Draw from heavy rains upstream in Kimball County. A 7 foot wall of water washed out a 30 foot section of a bridge on U.S. Highway 30 at Potter at 430 am MST.

A large area of western Kimball County received in excess of 5 inches of rain in less than 5 hours, with the remainder of the county and western Cheyenne County averaging more than 2 inches. The maximum rainfall reported was 7.5 inches in the southwest corner of the county. Cropland flooding was widespread throughout both counties, and Lodgepole Creek spilled out of its banks from Bushnell in western Kimball County to Lodgepole in extreme eastern Cheyenne County, affecting several communities. Two bridges were washed out along Lodgepole Creek--one on a county road north of Dix in eastern Kimball County, and the second on Highway 30 outside of Potter in western Cheyenne County. While flood waters were reported in Bushnell and Lodgepole, the most severe occurred in Potter, where 4 feet of water inundated numerous homes and businesses, washing away a dozen large propane tanks and washing out 30 feet of Union Pacific Railroad track serving as a dike on Lodgepole Creek. Numerous county roads in both counties were damaged or washed out, and more than 80 miles of farmland along Lodgepole Creek and Sand Draw were covered with several feet of flood water.

NEVADA, North

NONE REPORTED.

NEVADA, South

Clark County

30 NW Las Vegas	13	1430PST			0	0			Wild/Forest Fire
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Lightning sparked a fire on the west side of the Spring Mountain Range near Wheeler Well. The fire burned approximately 75 acres of the Toiyabe National Forest before it was contained.

NEVADA, West

Washoe County

Reno	11	1629PST 1630PST			0	1			Lightning
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A man was struck by lightning while walking in Idlewild Park in Reno, NV. He was injured and taken to the hospital for treatment.

NEW HAMPSHIRE, North and Central

NHZ002

Southern Coos

01	0000EST			0	0			Record Snowfall
31	2359EST							

Record snowfall occurred atop Mount Washington during the month of May. Snowfall for the month totalled 95.8 inches, which compares to a normal May snowfall of 10.3 inches. The previous record May snowfall was 52.2 inches, set in 1967. The summit also set a record for total precipitation for the month. The summit received 19.00 inches of precipitation (liquid equivalent) compared to a normal precipitation of 7.51 inches. The old record of 18.82 inches was set in 1984.

NHZ001

Northern Coos

07	0300EST 2200EST			0	0			Winter Storm
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Rain changed to snow across northern Coos county after a low pressure center moved across the area and strong northwesterly winds brought in colder air. Snow continued throughout much of the day as upslope winds continued. Generally, snowfall amounts were in the 6 to 10 inch range across northern Coos county with little or no accumulation elsewhere in the state.

Merrimack County

Henniker	15	1440EST			0	0		Hail (0.75)
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A severe thunderstorm moving northeastward through New Hampshire dropped hail in southern and central parts of the state with penny-sized hail reported in Henniker in Merrimack County. Lightning and/or the resultant fires damaged several homes in the state.

NEW HAMPSHIRE, Southern

Cheshire County

Alstead	01	1835EST			0	0		Thunderstorm Wind (G59)
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Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW HAMPSHIRE, Southern

A severe thunderstorm produced a wind gust to 69 mph, as reported by the local police in Alstead. There were no reports of damage.

NEW JERSEY, Northeast

Essex County Nutley	01	1816EST			0	0			Thunderstorm Wind (G50)
Passaic County Clifton	01	1816EST			0	0			Thunderstorm Wind (G50)

A line of scattered severe thunderstorms developed ahead of a cold front extending from New England south across the Carolinas.

Thunderstorms produced high winds that knocked down trees in both Clifton and Nutley.

Essex County Caldwell	06	1205EST			0	0			Thunderstorm Wind (G50)
Union County Cranford	06	1215EST			0	0			Thunderstorm Wind (G50)
Bergen County Rutherford to North Arlington	06	1222EST			0	0			Thunderstorm Wind (G50)
Union County Murray Hill to Union	06	1222EST			0	0			Thunderstorm Wind (G50)
Union County Winfield	06	1225EST			0	0			Funnel Cloud
Bergen County Paramus	06	1230EST			0	0			Hail (0.88)
Passaic County Clifton	06	1231EST			0	0			Thunderstorm Wind (G50)
Essex County Newark	06	1235EST			0	0			Thunderstorm Wind (G50)
Hudson County Jersey City	06	1238EST			0	0			Thunderstorm Wind (G51)

A line of severe thunderstorms raced across the area early Tuesday afternoon. It produced high winds that caused scattered damage to several locations. High winds downed several trees and power lines across the area. The heaviest damage was in Jersey City (and on Staten Island, NY).

A survey was conducted in Jersey City later Tuesday afternoon. It was determined that damage was caused by high winds blowing from the same direction (straight-line winds) along the leading edge of the line of thunderstorms. Damage occurred in three separate areas, in line with the movement of this squall line. Eyewitnesses stated they saw a black cloud advancing toward them before the occurrence of rain, thunder, and lightning. When this cloud arrived, winds drastically increased and damage occurred in less than one minute. High winds blew roofs of houses, downed several trees, and caused a 2000 pound trailer to roll over. Wind speeds were estimated from 90 to 100 mph. Reports of funnel clouds were received, but these were "gustnadoes" associated with the strong gust front.

Passaic County Paterson	19	2125EST			0	0			Thunderstorm Wind (G52)
Bergen County Saddle River	19	2140EST			0	0			Thunderstorm Wind (G50)

A line of scattered severe thunderstorms moved east at 50 mph across the area. It caused high winds, that downed trees in Saddle River. Thunderstorms also produced small hail and heavy rain.

NEW JERSEY, South and Northwest

Somerset County Bedminster	01	1700EST			0	0			Hail (0.88)
Camden County Somerdale	01	1735EST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEW JERSEY, South and Northwest									
Camden County									
Berlin	01	1745EST			0	0			Hail (0.75)
Burlington County									
Burlington to Mt Laurel	01	1745EST 1755EST			0	0		0	Hail (1.00)
A severe thunderstorm produced a very wide swath of penny to quarter size hail from Burlington City south through Willingboro, Westampton and Mount Laurel. In Mount Laurel, the hail covered grassy areas and accumulated to around six inches near houses' downspouts.									
Mercer County									
2 S Pennington	01	1745EST			0	0		0	Hail (0.75)
Mercer County									
Pennington	01	1745EST			0	0		0	Thunderstorm Wind
A severe thunderstorm sheared off several trees in Pennington. The fallen limbs damaged several roofs and vehicles. The damaging winds also knocked over the goal posts on a soccer field. Also, dime size hail fell between Trenton and Pennington during the same thunderstorm.									
Monmouth County									
Union Beach	01	1810EST			0	0		0	Thunderstorm Wind
Numerous trees were uprooted in both Hazlet and Union Beach by a severe thunderstorm.									
Monmouth County									
Tinton Falls	01	1825EST			1	0			Lightning
An adult male was killed while driving southbound on Hockkockson Road in Tinton Falls when lightning struck a tree and sliced it in half. The tree fell down and crushed the vehicle he was driving. M?VE									
Ocean County									
Lakehurst	01	1827EST			0	0			Thunderstorm Wind (G50)
Monmouth County									
Neptune	01	1830EST			0	0			Hail (0.75)
Sussex County									
Branchville	06	1130EST			0	11		0	Thunderstorm Wind
A severe thunderstorm blew over several huge tents at a dog show near Northrup in Frankford Township. Eleven persons were injured, most with minor bruises. Several cars were also damaged when struck by the flying tents, stakes and debris.									
Somerset County									
Basking Ridge	06	1145EST			0	0		0	Thunderstorm Wind
A severe thunderstorm knocked over several trees and wires in Bernards Township in Basking Ridge.									
Hunterdon County									
Flemington to Ringoes	06	1145EST			0	0		0	Thunderstorm Wind
A severe thunderstorm knocked down several trees and electrical, telephone and cable wires and closed a road within Flemington. It also knocked over numerous trees in Ringoes.									
Morris County									
Schooleys Mtn to East Hanover	06	1150EST 1230EST			0	0		0	Thunderstorm Wind
Severe thunderstorms produced wind damage in a number of townships across Morris County, mainly across the southern two-thirds of the county. About 4,500 homes and businesses lost power, a quarter of them occurred in the Denville and Mountain Lakes areas. Nearly 2,000 GPU customers were still without power as of 10 p.m. EDT. Numerous trees and power lines were knocked down. Over 30 trees were knocked down in East Hanover Township in the Lincoln Street area alone. In Mountain Lakes, a woman narrowly escaped serious injury when a tree fell on her vehicle and it burst into flames. A tree fell through the roof of a house in Mount Olive Township. Another tree fell on a garage and damaged the corner of a Florham Park Borough house. Other hard hit municipalities included Boonton, Randolph, Rockaway, Washington and Wharton.									
Somerset County									
North Plainfield	06	1205EST			0	0		0	Thunderstorm Wind
A severe thunderstorm knocked over a few trees in North Plainfield.									
Burlington County									
1 S Marlton	06	1220EST			0	0		0	Thunderstorm Wind (G62)
Along with the 71 mph severe thunderstorm gust, a SKYWARN spotter reported marble size hail.									
Morris County									
Boonton	06	1230EST			0	0	1K		Lightning
Lightning struck a Rock Ridge Home in Boonton Township and blew up its television and VCR.									
Middlesex County									
East Brunswick	06	1240EST			0	1			Thunderstorm

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEW JERSEY, South and Northwest									
A 66-year-old golfer was injured in East Brunswick when a falling tree limb struck him during a thunderstorm.									
Middlesex County									
Woodbridge	06	1245EST			0	0	0		Thunderstorm Wind
A severe thunderstorm peeled an aluminum roof from one house in Woodbridge and damaged some homes in the Ideal Trailer Park. It also knocked over several trees and headstones in a cemetery. In South Plainfield, the same thunderstorm blew a heating/ventilation/air conditioning unit off an abandoned building.									
Monmouth County									
2 N Keansburg	06	1300EST			0	0	0		Thunderstorm
A thunderstorm capsized a boat in Raritan Bay north of Keansburg. The one person in the boat was rescued.									
Sussex County									
Stillwater to Lafayette	19	2030EST 2040EST			0	0	0		Thunderstorm Wind
Severe thunderstorms caused wind damage in the southwest and central parts of Sussex County. Uprooted trees fell on homes in Fredon and Stillwater. But, the worst damage occurred along the Frankford/Lafayette Township lines where numerous trees were downed. About 1,600 homes lost power, mainly in the southeast part of the county. Also a large section of the county's Juvenile Detention Center fencing was blown down.									
Hunterdon County									
Anthony	19	2050EST			0	0	0		Thunderstorm Wind
A severe thunderstorm pulled down wires and trees along Anthony and Pleasant Grove Roads in the northern part of Lebanon Township.									
Morris County									
Chatham	19	2115EST			0	0			Thunderstorm Wind (G61)
A severe thunderstorm caused wind gusts of 70 mph and 63 mph in separate parts of Chatham Township. Downed wires caused power outages to about 300 homes.									
Hunterdon County									
Countywide	25	0600EST 2100EST			0	0			Heavy Rain
Middlesex County									
Countywide	25	0600EST 2100EST			0	0			Heavy Rain
Monmouth County									
Countywide	25	0600EST 2100EST			0	0			Heavy Rain
Somerset County									
Countywide	25	0600EST 2100EST			0	0			Heavy Rain
Burlington County									
Countywide	25	0700EST 2200EST			0	0			Heavy Rain
Camden County									
Countywide	25	0700EST 2200EST			0	0			Heavy Rain
Gloucester County									
Countywide	25	0700EST 2200EST			0	0			Heavy Rain
Mercer County									
Countywide	25	0700EST 2200EST			0	0			Heavy Rain
Ocean County									
Countywide	25	0700EST 2200EST			0	0			Heavy Rain
Salem County									
Countywide	25 26	0900EST 0100EST			0	0			Heavy Rain
Atlantic County									
Countywide	25 26	1300EST 0300EST			0	0			Heavy Rain
Cumberland County									
Countywide	25 26	1300EST 0300EST			0	0			Heavy Rain

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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NEW JERSEY, South and Northwest

Cape May County Countywide

25	1400EST				0	0			Heavy Rain
26	0400EST								

A series of low pressure systems traveling west to east along a nearly stationary frontal boundary produced some locally heavy rain across central and southern New Jersey from the daylight on the 25th through the early morning of the 26th. The heaviest rain affected the central part of the state during the afternoon of the 25th, the southwest part of the state during the evening of the 25th and the southeast part of the state around midnight on the 26th. Storm totals averaged 1 to 2.5 inches, with some locally higher amounts. This caused the usual poor drainage flooding problems. Representative totals included 2.66 inches in Freehold (Monmouth County), 2.60 inches at McGuire AFB (Burlington County), 2.34 inches in Hightstown (Mercer County), 2.04 inches in Pennsauken (Camden County), 1.99 inches in Wertsville (Hunterdon County), 1.92 inches in New Brunswick (Middlesex County), 1.91 inches in Harvey Cedars (Ocean County), 1.43 inches at the Atlantic City International Airport and 1.12 inches in Verga (Gloucester County).

Gloucester County Star Cross to Blue Bell

25	1940EST				0	0	0		Thunderstorm Wind
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A severe thunderstorm pulled down wires in seven locations across southeast Gloucester County.

NJZ001-007>010-012>013-015>023

Sussex - Warren - Morris - Hunterdon - Somerset - Middlesex - Western Monmouth - Mercer - Salem - Gloucester - Camden - Burlington - Western Ocean - Cumberland - Western Atlantic - Western Cape May
31 2359EST 0 0 Unseasonably Cool

May 1997 was an unseasonably cool month. For most locations, it was the coolest May since 1967 with monthly departures that averaged around 3 degrees below normal. Departures along the shore though averaged around 1 degree below normal. At the Atlantic City International Airport in Pomona, the monthly mean temperature of 57.5 degrees was 2.9 degrees below normal and the 6th coolest May on record. At the nearby Philadelphia International Airport, the monthly mean temperature 59.5 degrees was tied for the 8th coolest May on record and at the Lehigh Valley International Airport, the mean temperature of 55.7 degrees was the 2nd coolest May on record.

NEW MEXICO, Central and North

Curry County Clovis

06	1700MST				0	0			Hail (0.88)
	1710MST								

Nickel hail recorded by NWS observer in city.

Union County

Pasamonte

07	1410MST				0	0			Hail (0.88)
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De Baca County

4 N Dunlap

08	1335MST				0	0			Hail (1.00)
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Dime to quarter hail covering the ground north of Dunlap.

Torrance County

Clines Corners

08	1420MST				0	0			Hail (2.00)
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Ham radio spotters reported soft and mushy hail up to 2 inches in diameter.

Torrance County

Clines Corners

08	1440MST				0	0			Hail (0.75)
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De Baca County

1 N Dunlap

08	1545MST				0	0			Hail (1.00)
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Dime to quarter hail covering ground to two inches deep north of Dunlap.

Roosevelt County

12 SW Portales

08	1702MST	0.1	50		0	0			Tornado (F0)
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Small tornado reported by Portales Police.

Roosevelt County

5 NE Elida

08	1725MST				0	0			Hail (2.00)
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Roosevelt County

5 NE Elida to 6 NE Elida

08	1725MST	0.3	40		0	0			Tornado (F0)
	1730MST								

Rope tornado and 2 inch hail observed by spotters near Elida.

Quay County

Tucumcari

08	1715MST				0	0			Hail (0.75)
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Torrance County

Moriarty

15	1325MST				0	0			Hail (0.75)
	1335MST								

Rio Arriba County

5 NW Tres Piedras

20	1200MST				1	0			Lightning
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A rancher was struck and instantly killed by lightning northwest of Tres Piedras. The man and his 13 year old son were mending fence on open range and took shelter from a thunderstorm under isolated, but separate trees. The son was not injured.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>NEW MEXICO, Central and North</u>									
M49OU									
Quay County 15 W Glenrio	29	1940MST			0	0			Hail (0.75)
Mora County Watrous	30	1701MST			0	0			Hail (0.88)
Guadalupe County 15 N Santa Rosa	30	1750MST			0	0			Funnel Cloud
	Funnel Cloud observed over open range north of Santa Rosa by National Weather Service employee traveling along Interstate 40 at Cuervo.								
Colfax County Cimarron	30	1752MST			0	0			Hail (0.75)
	Dime hail covered the ground to one inch deep.								
Guadalupe County Santa Rosa	30	1812MST			0	0			Hail (1.50)
Guadalupe County Dilia	30	1825MST			0	0			Hail (1.75)
Guadalupe County 17 W Santa Rosa	30	1850MST			0	0			Hail (0.75)
Guadalupe County Dilia	30	1855MST			0	0			Hail (1.75)
Guadalupe County 20 SSW Santa Rosa	30	1855MST			0	0			Hail (1.75)
Colfax County 4 S Springer	30	1858MST			0	0			Small Hail
	State Police reported marble hail covering Interstate 25 to three inches deep south of Springer.								
De Baca County 8 E Yeso	30	1915MST			0	0	30K		Hail (2.50)
	Billard ball size hail damaged cars along Highway 60 east of Yeso.								
Guadalupe County 17 W Santa Rosa	30	1922MST			0	0			Hail (0.75)
	Dime hail covered the ground.								
De Baca County 15 W Yeso	30	1925MST			0	0			Hail (1.00)
De Baca County 17 S Yeso	30	1948MST			0	0			Hail (2.50)
San Miguel County Las Vegas	30	2004MST			0	0			Hail (1.00)
	Several supercells developed near the Colorado border and moved rapidly southward through the highlands of northeast New Mexico. One cell formed west of Raton and moved south with hail over Cimarron, then continued southward over open range west of Wagon Mound in Mora county and into San Miguel county near Trujillo. This storm continued south through Guadalupe and De Baca counties with numerous reports of large hail and at least one funnel cloud. The storm finally ended over northern Chaves county. A second storm formed near Ocate and also moved south with hail at Watrous, Dilia, Pintada, and near Vaughn before dissipating over northern Lincoln county.								
Taos County Tres Piedras	31	1400MST			0	0			Hail (1.00)
Taos County Tres Piedras	31	1632MST			0	0			Hail (0.88)
Mora County Ocate	31	1645MST 1705MST			0	0			Hail (1.00)
<u>NEW MEXICO, South Central and Southwest</u>									
Otero County Cloudcroft	15	1140MST 1235MST			0	0			Hail (0.75)
Dona Ana County Organ	31	1615MST 1715MST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NEW MEXICO, Southeast									
Eddy County 23 W Carlsbad	06	1503MST			0	0			Hail (0.75)
Eddy County 5 N Whites City	06	1537MST			0	0			Hail (0.75)
Eddy County (Cnm)Carlsbad Arpt	06	1605MST			0	0			Thunderstorm Wind (G61)
Carlsbad airport observer reported 70 mph winds.									
Lea County Lovington	06	1627MST			0	0			Hail (0.75)
Eddy County Carlsbad	06	1659MST			0	0			Hail (0.75)
Lea County 3 N Hobbs	06	1710MST			0	0			Hail (0.75)
Lea County 7.2 NNW Hobbs to 6.5 NNW Hobbs	06	1809MST 1813MST	1	200	0	0	60K		Tornado (F1)
A strong mesocyclone on the leading edge of the severe thunderstorm moving to the ESE produced a tornado on the southeast flank of the storm. This storm displayed some characteristics of an HP supercell, but with much of the forward flank missing.									
Damage ranged from F0 on the southern end (probably from an RFD) to F1 damage in the heart of the tornado path. A damage survey discovered a highly convergent pattern to the debris path of the tornado. Damage ranged from travel trailers overturned, to mobile homes pushed from foundation and roof sections missing, to a barn that was levelled and unrecognizable.									
With temperatures in the lower 90s in dew points in the upper 50s to lower 60s there was plenty of buoyant energy for thunderstorm development in southeast New Mexico. Also an old frontal boundary was in the area to help focus the activity. Storms moved to the ESE and making for good relative inflow.									
Lea County 2 N Tatum to .5 SE Tatum	08	1800MST 1810MST	2.5	60	0	0			Tornado (F0)
A supercell moving to the southeast spawned a tornado about 2 miles north of Tatum. The tornado reportedly came straight into town, but luckily was very weak. Eyewitnesses said although there was no condensation funnel, the wall cloud above the dust tube showed significant rotation. The tornado dissipated on the southeast edge of town.									
Eddy County 25 NW Carlsbad	22	1546MST 1600MST	2	80	0	0			Tornado (F0)
A non-supercell storm produced a small tornado in open country northwest of Carlsbad. The storm appeared relatively weak on radar.									
Lea County 2 S Hobbs	28	1455MST 1520MST			0	0	27M		Hail (2.50)
This storm moving to the southeast became an HP Supercell as it passed over the city of Hobbs. By the time the storm arrived over the southern parts of town, hail up to tennis ball size was falling along with strong winds. Most of the trees over the southern 1/3 of town were stripped of their leaves, and numerous houses and cars suffered damage. Streets had hail stacked up over one foot deep in some areas.									
This storm moved to the southeast into Texas and continued to produce severe weather in Andrews, Winkler, and Ward Counties.									
Lea County 5 NNE Eunice	28	1608MST			0	0	15K		Thunderstorm Wind
The storm that hit Hobbs continued to the southeast with other cells developing on its western flank. One of these cells had downbursting winds that knocked down 3 utility poles along State Highway 18 north of Eunice. The poles were blown from east to west.									
Lea County 4 W Hobbs	28	1855MST 1900MST	0.3	50	0	0	20K		Tornado (F0)
Damage occurred just west of the Hobbs city limit where RFD and tornadic winds were superimposed. The damage included a 15x20 ft wooden roof taken off an old shed, parts of two other roofs damaged, an awning from a trailer destroyed, a trailer pushed 3-4 feet off its foundation, and two utility poles downed. The tornado was sighted, and a faint trail of it could be traced in the debris pattern upon inspection, but RFD winds occurred in the area as well with much of the debris blown in a divergent pattern.									

The storms from this day formed in a northwest flow with a Lifted Index in the -8 to -10 range. Afternoon temperatures were in the mid 80s with dew points in the upper 50s. The most notable feature of this day was the strong directional shear with low-level winds from the ESE at about 20 kt through the lowest 3000 feet and mid to upper-level winds from the northwest at over 40 kt. A

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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NEW MEXICO, Southeast

weak layer of winds at about 7-10k ft MSL may have kept the environment from producing more (and stronger) supercells.

Lea County

Eunice

29 1748MST 0 0 Hail (1.75)

This storm developed along an E-W oriented stationary outflow boundary and moved to the southeast toward Eunice. Before arriving at Eunice the cell stopped and grew into a large multicell complex that covered much of southern Lea County, The northern part of this area branched off to the east and moved into Eunice.

Lea County

Jal

29 1842MST 0 0 Hail (0.75)

The southern end of the large complex headed toward the southeast toward Jal. The cell that passed over Jal weakened as it came into town.

Daily synopsis : This event was characterized by a northwest flow aloft and moisture farther west than typically found for this time in the year. Dew point temperatures were in the lower to mid 60s with temperatures in the lower 90s. An outflow boundary that had moved through the Lubbock, TX area early in the morning lay across the area from Central Lea County into Dawson County, TX.

NEW YORK, Central

Delaware County

**Hancock to
Colchester**

01 1600EST 0 0 15K Thunderstorm Wind
1615EST

A line of showers and thunderstorms entered Delaware county between 445 and 500 pm EDT. A cluster of thunderstorms along this line quickly became severe as it raced across the southern portions of the county shortly after 5 pm. This storm was responsible for downing numerous trees and power lines in Hancock around 5 pm and again in Colchester about 515 pm.

Sullivan County

**Liberty to
Grahamsville**

01 1705EST 0 0 30K Tstm Wind/Hail
1710EST

The same group of thunderstorms that produced wind damage earlier in Delaware county reintensified to severe levels over northern portions of Sullivan county. Strong winds toppled large trees in a plot about a half mile wide and 50 feet long near the town of Liberty around 605 pm EDT. Nickel sized hail was then reported in Grahamsville at 610 pm.

Sullivan County

**Wurtsboro to
Bloomingburg**

06 1110EST 0 0 15K Thunderstorm Wind
1115EST

A cluster of thunderstorms became severe near the Delaware river and moved through southern portions of the county, producing scattered wind damage. Trees and wires were downed in Wurtsboro around 1210 pm EDT and in Bloomingburg about 1215 pm.

Oneida County

**Floyd to
Westernville**

09 1300EST 0 0 50K Thunderstorm Wind
1305EST

A thunderstorm quickly became severe over northeastern portions of the county. Widespread wind damage occurred in the Floyd/Westernville/Delta Lake areas around and shortly after 200 pm EDT. Large trees were uprooted and power lines were toppled in the town of Floyd. In Westernville, more trees were blown down. Near Delta Lake, several trailers and mobile homes were blown off their anchors and severely damaged.

Delaware County

Colchester

19 2020EST 0 0 10K Thunderstorm Wind

A thunderstorm cell became severe along the Delaware river and moved through southern portions of the county. The storm briefly produced isolated wind damage before weakening.

At around 920 pm EDT, large trees and power lines were blown down in the town of Colchester.

Sullivan County

**Shandeele to
Fallsburgh**

19 2025EST 0 0 25K Thunderstorm Wind
2045EST

A cluster of thunderstorms became severe over Sullivan county and produced scattered wind damage across northern sections of the county.

At 925 pm EDT, trees and wires were downed in the town of Shandeele. The storm then moved east and blew down more large trees and power lines in the Fallsburgh and Woodbourne areas.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

NEW YORK, Coastal

Suffolk County Kings Park	01	1615EST			0	0			Hail (1.00)
Nassau County Baldwin	01	1845EST			0	0			Thunderstorm Wind (G50)

A line of scattered severe thunderstorms developed ahead of a cold front extending from New England south across the Carolinas.

Thunderstorms produced 1 inch diameter hail in Kings Park and high winds that knocked down large tree limbs and power lines in Baldwin.

Lightning struck a house in Coram at 745pm. The extent of damage was unknown.

Orange County Middletown	06	1144EST			0	0			Thunderstorm Wind (G50)
Orange County Newburgh	06	1210EST			0	0			Thunderstorm Wind (G57)
Westchester County Mt Vernon to New Rochelle	06	1229EST			0	0			Thunderstorm Wind (G50)
Westchester County Yonkers	06	1229EST			0	2			Lightning
Richmond County Richmond	06	1230EST			0	0			Funnel Cloud
Richmond County Richmond	06	1230EST			0	0			Thunderstorm Wind (G50)
New York County New York	06	1235EST			0	0			Thunderstorm Wind (G50)
Bronx County Bronx	06	1255EST			0	1			Thunderstorm Wind (G50)
Nassau County East Meadow	06	1315EST			0	0			Thunderstorm Wind (G50)
Queens County Bayside	06	1315EST			0	0			Thunderstorm Wind (G50)
Bronx County Bronx	06	1321EST			0	0			Thunderstorm Wind (G50)
New York County New York	06	1321EST			0	0			Thunderstorm Wind (G50)

A line of severe thunderstorms raced across the area early Tuesday afternoon. It produced high winds that caused scattered damage in several locations. The heaviest damage occurred on Staten Island and in Jersey City, NJ.

A survey was conducted on Staten Island later Tuesday afternoon. It was determined that damage was caused by straight line winds. A roof was blown off a two family house with damage occurring to several trees and a satellite dish. Eyewitnesses stated that this damage occurred before the rain arrived from the thunderstorm. A few eyewitnesses reported seeing funnel clouds. It was determined that the damage was caused by a strong gust front about 10 miles in advance of the line of thunderstorms. The funnel clouds reported were actually small vortices called "gustnadoes." These vortices sometimes accompany strong gust fronts.

Examples of damage include:

For Staten Island: The roof of a car dealership at 1590 Hyland Blvd. partially collapsed and caused damage to some vehicles in the back lot.

For the Bronx: A tree fell onto a house and utility cables at 5932 and 5934 Liebig Street. The roof, windows, gutters, and sidewalks of both homes were damaged.

For Manhattan: The front support wall of a structure located at 327 West 112th Street collapsed.

Two men were struck by lightning while on a roof in Yonkers (Westchester County).

In other areas, thunderstorms produced high winds that downed trees and power lines.

NYZ081 Southeast Suffolk	16	1144EST			1	0			Wind
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Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons	Estimated Damage	Character of Storm
					Killed	Injured	Property Crops

NEW YORK, Coastal

Strong and gusty winds caused a 38 foot fishing boat to capsize south of Amagansett. It resulted in the death of a 76 year old fisherman. M76BO

Orange County							
Middletown	19	2053EST			0	0	Thunderstorm Wind (G50)
Westchester County							
Peekskill	19	2140EST			0	0	Thunderstorm Wind (G50)
Nassau County							
Sea Cliff	19	2152EST			0	0	Thunderstorm Wind (G50)

A line of scattered severe thunderstorms raced east at around 50 mph across the area. It caused high winds, small hail and heavy rain.

High winds downed wires in Middletown and caused a tree to fall on a house at Blooming Grove in Orange County. High winds also downed trees in Peekskill (Westchester County) and downed wires in Sea Cliff (Nassau County).

NEW YORK, East

Rensselaer County							
Petersburg	01	1730EST 1800EST			0	0	4K Thunderstorm Wind
Rensselaer County							
Schodack Lndg	01	1730EST			0	0	4K Thunderstorm Wind
Albany County							
Menands	01	1735EST			0	0	25K Thunderstorm Wind
Greene County							
Coxsackie	01	1745EST			0	0	4K Hail (1.00)
Ulster County							
Lake Katrine	01	1745EST			0	0	Hail (0.75)
Columbia County							
Ghent	01	1757EST			0	0	Hail (0.75)
Washington County							
Ft Edward	01	1800EST			0	0	15K Thunderstorm Wind

A cold front crossed eastern New York during the afternoon of May 1. This front produced scattered severe thunderstorms across Albany, Rensselaer, Ulster, Greene, Columbia and Washington Counties. At Menands in Albany County, approximately one third of the Menands Elementary School gymnasium roof was blown off or damaged. In that local vicinity, aluminium siding was also ripped from a house and several trees were downed by the damaging winds. At Fort Edward in Washington County, winds downed several power poles and damaged a roof and chimney.

Montgomery County							
Fonda	06	1116EST			0	0	6K Thunderstorm Wind
Saratoga County							
West Milton	06	1205EST			0	0	1K Thunderstorm Wind
Ulster County							
Tabasco	06	1218EST			0	0	4K Thunderstorm Wind
Ulster County							
Lake Katrine	06	1225EST			0	0	15K Thunderstorm Wind
Dutchess County							
Wappingers Falls	06	1226EST			0	0	8K Thunderstorm Wind
Ulster County							
Bloomington	06	1230EST			0	0	4K Thunderstorm Wind
Saratoga County							
Ballston Spa	06	1247EST			0	0	1K Thunderstorm Wind
Saratoga County							
Galway	06	1247EST			0	0	3K Thunderstorm Wind
Columbia County							
Ghent	06	1300EST			0	0	Hail (0.75)
Washington County							
Hudson Falls	06	1300EST			0	0	Hail (0.75)

A cold front crossed eastern New York during the afternoon hours of May 6. Along the front scattered severe thunderstorms developed across Montgomery, Saratoga, Ulster, Dutchess, Columbia and Washington Counties. At Galway in Saratoga County,

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	Date			Killed	Injured	Property	Crops	

NEW YORK, East

a fifty foot pine tree was downed by the wind and part of a roof was blown off a residence. At Lake Katrine in Ulster County, trees were blown over on a house and car. In northern Montgomery County between Fonda and Hagaman, wires were downed by thunderstorm winds. At Wappingers Falls in Dutchess County, a fallen tree landed on a house. The severe thunderstorms in Columbia and Washington Counties produced hail.

Montgomery County

Amsterdam

09 1504EST 0 0 4K Thunderstorm Wind

An isolated severe thunderstorm at Amsterdam in Montgomery County, downed a tree onto a power line. The power line broke which resulted in a power outage for several hours in parts of the city.

Warren County

Warrensburg

09 1600EST 0 0 20K Lightning

Lightning destroyed a head start classroom and office building on the Warrensburg Elementary School Campus during the afternoon of May 9.

Ulster County

Walkill

19 2110EST 0 0 Thunderstorm Wind (G54)

Ulster County

New Paltz

19 2130EST 0 0 4K Thunderstorm Wind

Dutchess County

Poughkeepsie

19 2137EST 0 0 4K Thunderstorm Wind

Dutchess County

Hyde Park

19 2140EST 0 0 2K Thunderstorm Wind

During the late evening hours of May 19, a cold front initiated several severe thunderstorms across the Mid-Hudson Valley of eastern New York. Trees were downed by the wind in Ulster and Dutchess Counties. Scattered power outages also occurred when trees knocked down several power lines. Approximately 1,000 customers lost power for several hours.

NEW YORK, North

NONE REPORTED.

NEW YORK, West

NYZ001-010-019

Niagara - Erie - Chautauqua

01 0915EST 0 0 65K High Wind (G53)
1248EST

Low pressure moving across Ontario brought strong southwest winds to the extreme western counties of New York. The high winds toppled trees and power lines causing scattered power outages throughout the area. Minor structure damage was caused by the falling trees in Jamestown, Buffalo and Lockport.

Chautauqua County

Panama

19 1605EST 0 0 15K Thunderstorm Wind (G50)

Cattaraugus County

Randolph

19 1635EST 0 0 23K Thunderstorm Wind (G50)

Thunderstorms developed along a lake breeze in the late afternoon hours. The thunderstorms produced damaging winds which downed trees and power lines. Heavy rains accompanied the thunderstorms and resulted in poor drainage and urban flooding.

NORTH CAROLINA, Central

Franklin County

Franklinton

01 1435EST 0 0 Hail (0.75)

DIME SIZE HAIL FELL IN FRANKLINTON AND TREES FELL ON POWER LINES.

Davidson County

4 S Thomasville

01 1437EST 0 0 Hail (0.75)

DIME SIZE HAIL FELL FOUR MILES SOUTH OF THOMASVILLE.

Randolph County

7 NW Asheboro

01 1457EST 0 0 Hail (0.75)

DIME SIZE HAIL FELL 7 MILES NW OF ASHEBORO IN THE SOPHIA COMMUNITY.

Durham County

5Nw Rdu Airport

01 1542EST 0 0 Hail (0.75)

0.75 HAIL FELL IN EXTREME SE DURHAM COUNTY ON INTERSTATE 40 ABOUT 5NW RDU INTERNATIONAL AIRPORT.

Durham County

East Durham

01 1550EST 0 0 Hail (0.75)

0.75 HAIL IN THE PARKWOOD AREA OF SE DURHAM COUNTY.

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
<u>NORTH CAROLINA, Central</u>								
Wake County Wake Forest	01	1553EST			0	0		Hail (0.75)
			0.75 HAIL FELL IN THE TOWN OF WAKE FOREST					
Wake County Nw Raleigh	01	1554EST			0	0		Hail (0.75)
			0.75 HAIL FELL ON GLENWOOD AVENUE/HIGHWAY 70 IN NW RALEIGH.					
Wake County 2S Rdu Airport	01	1559EST			0	0		Hail (0.88)
			0.88 HAIL FELL ON AVIATION PARKWAY/I-40 INTERCHANGE AT THE RDU INTERNATIONAL AIRPORT EXIT IN MORRISVILLE.					
Wake County 5 N Raleigh	01	1609EST			0	0		Hail (0.75)
			0.75 HAIL REPORTED BY SKYWARN AT DURANT ROAD AND CAPITAL BLVD 5N RALEIGH.					
Wake County Rolesville	01	1615EST			0	0		Thunderstorm Wind (G50)
			SEVERAL TREES WERE UPROOTED AND FELL ON POWER LINES IN THE ROLESVILLE AREA OF EASTERN WAKE COUNTY.					
Randolph County Asheboro	01	1620EST			0	0		Hail (0.88)
			NICKEL SIZED HAIL WAS REPORTED IN THE CITY OF ASHEBORO IN RANDOLPH COUNTY.					
Wake County Raleigh	01	1620EST			0	0	30K	Thunderstorm Wind (G50)
			A LARGE TREE WAS BLOWN ON A HOUSE AT THE CORNER OF SAWMILL AND CARTRACK ROADS IN N RALEIGH. OTHER LIMBS WERE TORN OFF TREES THROUGHOUT N RALEIGH CAUSING MINOR POWER OUTAGES.					
Wake County Wendell	01	1624EST			0	0	15K	Thunderstorm Wind (G50)
			A ROOF OF A MOBILE HOME WAS BLOWN OFF IN THE DEERHURST TRAILER PARK COMMUNITY IN WENDELL.					
Franklin County Pilot	01	1630EST			0	0		Thunderstorm Wind (G50)
			SEVERAL TREES WERE SNAPPED OFF AND UPROOTED IN THE PILOT AREA OF FRANKLIN COUNTY.					
Franklin County Bunn	01	1630EST			0	0		Thunderstorm Wind (G50)
			SEVERAL TREES WERE UPROOTED IN THE BUNN COMMUNITY OF SE FRANKLIN COUNTY.					
Franklin County Franklinton	01	1635EST			0	0		Thunderstorm Wind (G50)
			SEVERAL TREES WERE UPROOTED IN THE TOWN OF FRANKLINTON.					
Wake County Zebulon	01	1638EST			0	0	20K	Thunderstorm Wind (G50)
			NUMEROUS TREES WERE BLOWN DOWN ON STAG TRAIL BETWEEN ZEBULON AND WENDELL. A TRAILER WAS OVERTURNED AND SERIOUSLY DAMAGED IN ZEBULON.					
Nash County Middlesex	01	1640EST			0	0		Thunderstorm Wind (G50)
			SEVERAL TREES WERE DOWNED IN THE MIDDLESEX COMMUNITY OF SOUTHERN NASH COUNTY NEAR US-64.					
Wilson County Wilson	01	1700EST	2	50	0	0	70K	Tornado (F0)
			A SMALL TORNADO TOOK DOWN NUMEROUS TREES ABOUT TWO MILES NORTH OF WILSON, ALONG TILGHMAN ROAD AND LONGLEAF DRIVE. THE TREES DAMAGED THE ROOFS OF 15 HOMES AND 10 VEHICLES. THE TORNADO DEVELOPED ALONG THE EDGE OF A GUST FRONT ASSOCIATED WITH A VERY STRONG THUNDERSTORM. THIS TYPE OF TORNADO IS FREQUENTLY CALLED A GUSTNADO. IT IS ESTIMATED THAT THE FUNNEL EXISTED FOR ONLY 3 MINUTES.					
			TREE DAMAGE WAS ALSO NOTED IN OTHER AREAS OF NORTHERN WILSON COUNTY.					
Edgecombe County Macclesfield	01	1720EST			0	0		Thunderstorm Wind (G60)
			LARGE TREES WERE BLOWN DOWN IN MACCLESFIELD.					

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May 1997

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<u>NORTH CAROLINA, Central</u>									
Johnston County Peacock Crossroads	01	1805EST			0	0			Hail (0.88)
NICKLE SIZE HAIL WAS REPORTED COVERING THE GROUND IN PEACOCK CROSSROADS.									
Johnston County Kenly	01	1807EST			0	0			Hail (1.00)
QUARTER SIZE HAIL WAS REPORTED BY THE KENLY SHERIFF.									
Wilson County Black Creek	01	1815EST			0	0			Hail (0.75)
DIME SIZE HAIL WAS REPORTED ON ROUTE 117 ON THE COUNTY LINE JUST SOUTH OF BLACK CREEK.									
Wilson County Stantonsburg	01	1840EST			0	0			Hail (0.75)
STANTONSBURG POLICE REPORTED A HEAVY SHOWER OF DIME SIZE HAIL.									
Wilson County Wilson	03	0923EST			0	4	50K		Thunderstorm Wind (G70)
THE ROOF OF THE GYM AT THE VINSON-BYNUM ELEMENTARY SCHOOL, IN THE SOUTHERN PART OF WILSON, WAS DAMAGED DUE TO A MICROBURST. THE GYM WAS OCCUPIED BY 300 PEOPLE. FORTUNATELY, ONLY 4 MINOR INJURIES WERE REPORTED.									
PEOPLE INSIDE THE GYM REPORTED HEARING A FEW SECONDS OF STRONG WIND AND VERY HEAVY RAIN.									
Wayne County Fremont	03	0925EST			0	0			Thunderstorm Wind (G50)
TREES DOWN ON POWER LINES CAUSED POWER OUTAGES IN THE FREMONT AREA.									
Edgecombe County Pinetops	03	0945EST			0	0			Thunderstorm Wind (G50)
TREES AND POWER LINES WERE DOWNED THROUGH THE SOUTHERN THIRD OF EDGECOMBE COUNTY ESPECIALLY IN THE PINETOPS AND MACCLESFIELD AREAS.									
<u>NORTH CAROLINA, Central Coastal</u>									
Pitt County Bethel	01	1725EST			0	0			Hail (0.75)
Martin County 10 SW Williamston	01	1732EST			0	0			Hail (0.75)
Martin County 5 S Jamesville	01	1758EST			0	0			Thunderstorm Wind (G56)
Several 12 inch diameter trees knocked down.									
Washington County 3 E Hoke	01	1807EST			0	0			Thunderstorm Wind (G50)
Trees down on Highway 32 and 99.									
Greene County Walstonburg	03	0930EST			0	0			Thunderstorm Wind
Trees down and roads flooded.									
Pitt County Farmville	03	0945EST			0	0	25K		Thunderstorm Wind
Roof blown off a mobile home and numerous trees down.									
Martin County 5 W Williamston	03	1000EST			0	0			Thunderstorm Wind
Trees down.									
Beaufort County Bayview	09	1805EST			0	0			Thunderstorm Wind (G50)
Reported by a ferry dock operator.									
Hyde County Sladesville	09	1805EST			0	0			Thunderstorm Wind (G50)
Several trees down.									
Hyde County Swanquarter	09	1827EST			0	0			Thunderstorm Wind (G52)
Wind gust to 60 mph.									
Onslow County Richlands	13	1850EST			0	0			Hail (0.75)
Tyrrell County Frying Pan	15	1315EST			0	0			Hail (1.00)

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NORTH CAROLINA, Central Coastal

Washington County									
Scuppernon	15	1315EST			0	0			Thunderstorm Wind (G52)
Winds estimated to 60 mph rolled a gas storage tank.									
Onslow County									
Hubert	26	1640EST			0	0			Thunderstorm Wind
Tree down onto power lines.									
Carteret County									
Stella	26	1655EST			0	0			Thunderstorm Wind
Trees and power lines down.									

NORTH CAROLINA, Extreme Southwest

NONE REPORTED.

NORTH CAROLINA, North Coastal

Northampton County									
Jackson	01	1700EST			0	0			Hail (1.00)
Hertford County									
Como	01	1738EST			0	0			Hail (0.88)
Bertie County									
Aulander	03	0952EST			0	0	2K		Thunderstorm Wind
Several trees and power lines down.									
Hertford County									
Ahoskie	03	1010EST			0	0	2K		Thunderstorm Wind
Several trees and power lines down.									
Bertie County									
Colerain	03	1030EST			0	0	2K		Thunderstorm Wind
Several trees down on power lines.									
Gates County									
Gatesville	03	1030EST			0	0			Hail (0.75)
Camden County									
Camden	03	1100EST			0	0	1K		Thunderstorm Wind
Tree down, partially blocking a road.									
Currituck County									
Maple	03	1115EST			0	0	2K		Thunderstorm Wind
Tree down on power line.									
Pasquotank County									
3 W Weeksville	15	1330EST			0	0			Hail (0.75)
Camden County									
Old Trap	15	1335EST			0	0			Hail (1.00)
Currituck County									
Coinjock	15	1350EST			0	0			Hail (0.75)

NORTH CAROLINA, Northwest and North Central

NONE REPORTED.

NORTH CAROLINA, South Coastal

New Hanover County									
Carolina Beach	26	1848EST 1915EST			0	0			Waterspout
Waterspout reported off Carolina Beach moving southeast at 25 knots.									

NORTH CAROLINA, Southwest

Iredell County									
Statesville	01	1435EST 1445EST			0	0	1K		Hail (1.00)
Iredell County									
5 S Statesville	01	1508EST 1518EST			0	0	10K		Hail (1.00)
Iredell County									
Troutman	01	1514EST 1524EST			0	0	1K		Hail (1.00)
Multicell severe thunderstorms developed over Iredell county. Each caused severe sized hail along with some gusty winds to about									

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NORTH CAROLINA, Southwest

50 mph. Each storm developed a few miles south of the previous and moved east into Rowan county where they brought gusty winds and small hail, but no severe weather was reported. The hail in Iredell county caused considerable damage to some of the cars travelling along I-77 and US 21.

Gaston County

Bessemer City

04 1300EST 0 0 2K Dam Break

A small dam on a 3 acre lake broke following several heavy rain episodes. Flooding was not severe but caused some damage to roads and resulted in the loss of a large number of fish.

NCZ053

Buncombe

13 1745EST 0 0 High Wind (G50)
1800EST

Mesoscale high winds occurred well behind an area of strong thunderstorms which moved quickly through the mountains and mainly affected the Asheville area. A number of trees and power lines were downed and about 5700 customers were reported to have lost power for several hours.

NORTH DAKOTA, Central and West

Bowman County

Bowman

04 1525MST 0 0 Thunderstorm Wind (G65)
75 MPH WIND

Stark County

Dickinson

04 1540MST 0 0 Thunderstorm Wind (G55)
68 MPH WIND

Stark County

Gladstone

04 1600MST 0 0 Thunderstorm Wind (G52)
60 MPH WIND SHINGLES BLOWN OFF NUMEROUS ROOFS

Adams County

Hettinger

04 1607MST 0 0 Thunderstorm Wind (G56)
64 MPH WIND

Hettinger County

Mott

04 1630MST 0 0 Thunderstorm Wind (G52)
60 MPH WIND

Grant County

3 S Leith

04 1653MST 0 0 Thunderstorm Wind (G61)
70 MPH WIND

Grant County

Shields

04 1725MST 0 0 Thunderstorm Wind (G52)
60 MPH WIND

Sioux County

Selfridge

04 1730MST 0 0 Thunderstorm Wind (G52)
60 MPH WIND NUMEROUS TREE BRANCHES REPORTED DOWN

Sioux County

Ft Yates

04 1755MST 0 0 Thunderstorm Wind (G61)
70 MPH WIND TREE BRANCHES UP TO 6 INCHES IN DIAMETER DOWN

Morton County

Glen Ullin

07 1415MST 0 0 Thunderstorm Wind (G59)
68 MPH WIND

Burleigh County

5 N Bismarck

07 1610CST 0 0 Thunderstorm Wind (G61)
70 MPH WIND WITH REPORTS OF TREES BEING BLOWN OVER

Dickey County

1 E Fullerton

17 1740CST 0 0 Hail (0.75)
0.75 INCH HAIL

Dickey County

5 S Guelph

17 1812CST 0 0 Hail (0.75)
0.75 INCH HAIL

NORTH DAKOTA, East

Sargent County

Straubville

17 1830CST 0 0 Hail (0.75)

Cass County

Buffalo

17 1853CST 0 0 Hail (1.75)

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					Killed	Injured	Property	Crops	
OHIO, East									
Muskingum County Zanesville Muni Arpt	03	1321EST			0	0			Thunderstorm Wind (G50)
									Thunderstorm winds gusted to 50 knots (58 mph).
Muskingum County Zanesville	03	1335EST 1400EST			0	0	5K		Thunderstorm Wind
									Thunderstorm winds downed some small trees and large branches, some onto power lines, throughout the county.
Columbiana County 15 N East Liverpool	03	1405EST 1430EST			0	0	12K		Thunderstorm Wind
									Trees and power lines were downed throughout the county. Fifteen miles north of East Liverpool several trees were downed and pea size hail was also reported. Three miles northwest of Georgetown, in the northwest part of the county, some large highway signs were blown down.
Jefferson County Steubenville	03	1405EST			0	0	5K		Thunderstorm Wind
									Some small trees and several large branches were downed by thunderstorm winds throughout the county.
Columbiana County Hanoverton	03	1430EST			0	0	15K		Thunderstorm Wind
									Thunderstorm winds downed fifteen 30 foot tall pine trees. A trampoline was blown through a fence. Shingles were blown off of a roof and a television antenna was bent down into power lines that resulted in a house fire.
Carroll County Carrollton	03	1500EST			0	0	1K		Thunderstorm Wind
									A couple of large pine trees were downed.
Monroe County Woodsfield	18	1530EST 1535EST			0	0	5K		Thunderstorm Wind
									Thunderstorm winds blew down a produce stand. Two large trees also fell and a small shed was destroyed along Rt. 26 near Woodsfield.
Belmont County Barnesville	18	1545EST 1550EST			0	0	8K		Thunderstorm Wind
									Thunderstorm winds damaged a pavilion. Ten large trees and some power lines were also downed.
Belmont County Morristown	18	1550EST			0	0			Hail (0.75)
Belmont County Morristown	18	1550EST			0	0	6K		Thunderstorm Wind
									Thunderstorm winds destroyed a garage under construction. Several large trees were also downed.
Tuscarawas County Dover	18	1739EST			0	0			Hail (1.00)
Carroll County Dellroy	18	1800EST 1810EST			0	0	2K		Thunderstorm Wind
									Power lines were reported downed in the western part of the county.
Carroll County Harlem Spgs	18	1835EST			0	0	2K		Thunderstorm Wind
									Trees were downed by thunderstorm winds at a campground.
Jefferson County Richmond	18	1845EST			0	0	25K		Thunderstorm Wind
									A mobile home was flipped over by strong thunderstorm winds. Large trees were also blown over.
Belmont County 5 NE St Clairsville	19	1747EST 1830EST			0	0	3K		Flash Flood
									Extensive road flooding was reported 5 miles northeast of St. Clairsville. Road flooding and a few basements were flooded in Bridgeport and Blaine.
Belmont County Flushing	19	1750EST			0	0	1K		Thunderstorm Wind
									Large branches were downed by thunderstorm winds.
Belmont County Bellaire	19	1800EST 1830EST			0	0			Flash Flood
									McMahon Creek went out of its banks. A car was swept into the creek. No injuries were reported.

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<u>OHIO, East</u>									
Columbiana County									
Salem	25	1125EST 1325EST			0	0	1K		Flash Flood
Low-land flooding was reported near Salem. A few small streams went out of their banks throughout the county.									
Tuscarawas County									
Newcomerstown	25	1445EST 1635EST			0	0			Flash Flood
State Route 21 near Newcomerstown was flooded.									
Jefferson County									
3 NW Richmond	25	1617EST			0	0			Flash Flood
A bridge was flooded in Jefferson Lake State Park.									
Harrison County									
8 N Hopedale	25	1632EST 1750EST			0	0	4K		Flash Flood
Roads and a few basements were flooded.									
Belmont County									
Jacobsburg	25 26	2135EST 0200EST			0	0	1K		Flash Flood
County Road 5 near Jacobsburg was flooded. Trough Run in the southeast part of the county went out of its banks.									
<u>OHIO, North</u>									
Ashland County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Ashtabula County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Crawford County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Cuyahoga County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Erie County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Fulton County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Geauga County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Hancock County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Henry County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Holmes County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Huron County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Knox County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other
Lake County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K		Other

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					Killed	Injured	Property	Crops	
OHIO, North									
Lorain County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Lucas County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Mahoning County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Marion County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Medina County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Morrow County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Ottawa County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Portage County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Richland County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Sandusky County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Seneca County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Stark County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Summit County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Trumbull County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Wayne County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Wood County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	
Wyandot County									
Countywide	01 31	0000EST 2359EST			0	0	34.5K	Other	

Due to excess rainfall and lower than normal temperatures, approximately 75 percent of field planting was not done on time. Some farmers got an early start, but crops already in the ground were underwater and rotting. Farmers were urged to plant soybeans instead of corn which does not fare well in wet conditions. But, corn that was sprayed with chemicals that kill beans could not be replanted to soybeans. The rain could also affect this year's wheat crop which is susceptible to head scab when wet weather occurs while the wheat is flowering. In the northwestern counties, where truck farming is prevalent, the planting of tomatoes, cucumbers and other produce was also behind schedule.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OHIO, North

OHZ003-007-010>012-017-029>030-032-037-047 Lucas - Ottawa - Lorain - Cuyahoga - Lake - Hancock - Richland - Ashland - Stark - Morrow - Knox

01	0427EST 1630EST				0	0	63K		High Wind (G60)
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High winds, at times gusting to 69 miles per hour, damaged buildings and downed trees, limbs and power lines. In Minerva (Stark County), a pavilion in Rotary Park was blown down. The wall of a building under construction collapsed in Findlay (Hancock). At Mt. Gilead (Morrow), a 135 foot sign fell on three cars and, in Willoughby (Lake), a 40 foot section of sheet metal roof was partially lifted off a building.

Knox County

	Mt Vernon	03	1200EST		0	0	2K		Thunderstorm Wind
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Morrow County

	Chesterville	03	1230EST		0	0	20K		Thunderstorm Wind
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Stark County

	Meyers	03	1330EST		0	0	5K		Thunderstorm Wind
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Trumbull County

	Warren	03	1400EST		0	0	50K		Thunderstorm Wind
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Summit County

	Akron	03	1643EST		0	0	2K		Thunderstorm Wind
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Portage County

	Palmyra	03	1650EST		0	0	50K		Thunderstorm Wind
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Portage County

	Randolph	03	1650EST		0	0	20K		Thunderstorm Wind
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Stark County

	Canal Fulton	03	1650EST		0	0	50K		Thunderstorm Wind
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Mahoning County

	Youngstown	03	1655EST		0	0	2K		Thunderstorm Wind
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Trees and power lines were downed, and cars and buildings were damaged or destroyed. In Chesterville (Morrow County), a machine shed was destroyed and the roof blown off a barn. Large pieces of the roof of a fabric store were blown off and showered onto parked cars in Warren (Trumbull). In Portage County, near Palmyra, a tractor trailer carrying 76 drums of chemicals was toppled and Interstate 76 was closed for two hours while the spill was being contained. Also, in Portage County, in Randolph Township, a tree fell on a pickup truck traveling on US Rt. 224. The passengers were unhurt. In Canal Fulton (Stark), a man was trapped in a car after a tree fell on a utility pole, pushing live wires onto the vehicle. The tree destroyed one other car and damaged a third. Also in Stark County, a tree limb fell on a house in Minerva.

Fulton County

	Metamora	05	1915EST		0	0			Hail (0.75)
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Geauga County

	Welshfield	06	0200EST		0	0			Hail (0.75)
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Wayne County

	Creston	14	1900EST		0	0	5K		Lightning
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Lightning struck a tree, traveled to a house and started a fire that damaged a back bedroom and a porch.

Knox County

	Mt Vernon	14	1945EST		0	0			Hail (0.88)
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Marion County

	Meeker	18	1435EST		0	0			Hail (0.75)
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Wood County

	Countywide	18	1500EST		0	0	60K		Thunderstorm Wind (G52)
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Wood County

	Bowling Green	18	1504EST		0	0			Hail (1.00)
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Marion County

	Marion	18	1530EST		0	0			Hail (0.88)
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Crawford County

	Galion	18	1535EST		0	0			Hail (0.88)
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Morrow County

	Iberia	18	1535EST		0	0			Hail (1.00)
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Richland County

	Mansfield	18	1538EST		0	0			Hail (0.88)
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Crawford County

	Bucyrus	18	1540EST		0	0	2K		Thunderstorm Wind
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Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, North</u>									
Stark County Massillon	18	1600EST			0	0			Hail (0.75)
Lorain County Wellington	18	1615EST			0	0			Hail (0.88)
Stark County Countywide	18	1620EST			0	0	5K		Thunderstorm Wind
Ashland County Ashland	18	1628EST			0	0			Hail (1.00)
Marion County Kirkpatrick	18	1630EST			0	0	5K		Thunderstorm Wind
Wayne County Wooster	18	1646EST			0	0			Hail (0.75)
Richland County Countywide	18	1700EST			0	0	7K		Thunderstorm Wind
Wayne County Mt Eaton	18	1700EST			0	0			Hail (1.00)
Marion County Marion	18	1708EST			0	0	2K		Thunderstorm Wind
Stark County Brewster	18	1711EST			0	0			Hail (0.88)
Stark County Navarre	18	1715EST			0	0			Hail (0.88)
Holmes County Winesburg	18	1720EST			0	0			Hail (0.75)
Knox County Countywide	18	1730EST			0	0	2K		Thunderstorm Wind
Trumbull County Leavittsburg	18	2128EST			0	0			Hail (0.75)
Trumbull County Warren	18	2147EST			0	0			Hail (0.88)
Geauga County Chardon	18	2220EST			0	0			Hail (0.75)
Henry County Ridgeville Corners	18	2232EST			0	0	2K		Thunderstorm Wind (G58)
Fulton County Delta	18	2240EST			0	0	2K		Thunderstorm Wind
Lucas County Whitehouse	18	2315EST			0	0	10K		Thunderstorm Wind (G50)
Hancock County Countywide	18	2320EST			0	0	3K		Thunderstorm Wind
Seneca County Fostoria	18	2320EST			0	0	20K		Thunderstorm Wind (G52)
Ottawa County Countywide	18	2325EST			0	0	3K		Thunderstorm Wind
Sandusky County Countywide	18	2325EST			0	0	4K		Thunderstorm Wind
Erie County Countywide	18	2329EST			0	0	2K		Thunderstorm Wind (G56)
Lorain County Countywide	18	2330EST			0	0	2K		Thunderstorm Wind
Seneca County Bettsville	18	2331EST			0	0	50K		Thunderstorm Wind (G52)
Wyandot County Upper Sandusky	18	2345EST			0	0			Hail (0.75)
Huron County Norwalk	18	2351EST			0	0	2K		Thunderstorm Wind (G50)
Ashtabula County Ashtabula	18	2355EST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
	Date			Killed	Injured	Property Crops	
OHIO, North							
Large hail, up to one inch in diameter, fell in several locations. In Marion (Marion County), hail was reported up to two inches deep on some roads. Thunderstorm winds downed trees, large branches, and power lines, and several buildings were damaged or destroyed. In Bowling Green (Wood), several barn roofs were blown off with some of the pieces landing on a nearby house. Also, in Bowling Green, a 60 foot tree fell on a house and at least one tree fell on a car. The tops were blown off several trees, a camping trailer was blown 100 feet and an awning was ripped off a house in Kirkpatrick (Marion). In Richland County, trees were downed on a house in Bellville, and in Mansfield, a barn considered to be in good shape was blown down. A 67 mile per hour wind gust was reported in Ridgeville Corners in Henry County. In Liberty Center, also in Henry County, an enclosed porch was blown off a house, a garage collapsed, a barn roof was blown off and vehicles were damaged by falling trees and limbs. A construction trailer was blown across a road in Fremont (Sandusky). In Fostoria (Seneca), a barn roof was blown 2000 feet into a field and pieces of wood were pushed into the side of a barn by the force of the wind. In Bettsville, also in Seneca County, two garages were blown away, with one landing on railroad tracks and one in a field. In Sandusky County, a 65 mile per hour wind was reported in Erie.							
Ashtabula County Countywide	18	2347EST		0	0	50K	Flash Flood
							Heavy thunderstorm rain caused flooding of streets and low lying areas. In New Lyme, some cars were floating on the water.
Crawford County Countywide	19	0000EST		0	0	2K	Thunderstorm Wind
Erie County Berlin Hgts	19	0004EST		0	0		Thunderstorm Wind (G50)
Lorain County Countywide	19	0004EST		0	0	15K	Thunderstorm Wind
Erie County Castalia	19	0045EST		0	0	2K	Thunderstorm Wind
							Numerous trees and limbs were downed. In North Ridgeville (Lorain County), an 80 foot tree fell and damaged three vehicles.
Richland County Shelby	19	0134EST		0	1	25K	Lightning
							Lightning struck a building complex, causing water and smoke damage. One person was treated and released from the hospital.
Cuyahoga County Bay Vlg	19	1355EST		0	0	5K	Thunderstorm Wind
							Trees and power lines were downed.
OHZ017							Hancock
	25	0545EST		0	0	100K	Flood
	26	2345EST					The Blanchard river at Findlay exceeded its flood stage of 11.0 feet and crested at 13.7 feet at 0535 EST on 05/26/97. Flooding occurred on County Highway 140 and East Main Cross Street. Riverside Park experienced flooding as did the sewage plant. There was also flooding of the downtown area and residences near Eagle and Lyle Creeks.
Hancock County Countywide	25	0600EST		0	0		Flash Flood
Wood County Countywide	25	0600EST		0	0		Flash Flood
Huron County Countywide	25	0714EST		0	0		Flash Flood
Medina County Countywide	25	0810EST		0	0		Flash Flood
Crawford County Countywide	25	1015EST		0	0		Flash Flood
							Heavy thunderstorm rain caused flooding of low lying areas, streams and roads. There was 5 feet of water on some roads in Wood County, and in Hancock County some people had to be rescued from their cars.
OHZ009							Erie
	25	1145EST		0	0	50K	Flood
	26	1700EST					The Huron River at Milan exceeded its flood stage of 14.0 feet and crested at 17.5 feet at 23:14 EST on 05/25/97. Flooding occurred in lagoon communities from Milan to Huron and flood waters approached some small businesses in Milan near Route 250.
Ashland County Countywide	25	1450EST		0	0		Flash Flood
Richland County Countywide	25	1451EST		0	0		Flash Flood
Crawford County Countywide	25	1458EST		0	0		Flash Flood

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OHIO, North</u>									
Hancock County Countywide	25	1530EST			0	0			Flash Flood
Wyandot County Carey	25	1545EST			0	0	20K		Flash Flood
Huron County Countywide	25	1610EST			0	0			Flash Flood
Seneca County Countywide	25	1610EST			0	0			Flash Flood
Wayne County Countywide	25	1808EST			0	0			Flash Flood
	Heavy thunderstorm rain caused flooding of streets, streams, low lying areas and basements. Some roads were closed due to the high water. Spring Run in Carey (Wyandot County), crested at seven feet.								
OHZ003									
Lucas	25	2345EST			0	0			Flood
	29	0000EST							
	The Maumee River at Waterville exceeded its flood stage of 9.0 feet and crested at 11.1 feet at 0300 EST on 05/27/97. Flooding was confined to low lying areas along the river.								
OHZ008									
Sandusky	25	2345EST			0	0			Flood
	29	1815EST							
	The Portage River at Woodville exceeded its flood stage of 9.0 feet and crested at 11.3 feet at 1736 EST on 05/27/97. Flooding was confined to low lying areas along the river.								
<u>OHIO, Northwest</u>									
Defiance County	18	2233EST			0	0	10K	0	Thunderstorm Wind
45 E Near Defiance to 46 E Near Defiance		2235EST							
	Trees and power lines down in county.								
<u>OHIO, Southeast</u>									
OHZ066>067- 075>076-083>087	Perry - Morgan - Athens - Washington - Jackson - Vinton - Meigs - Gallia - Lawrence								
	11	0600EST			0	0			Cold And Frost
	Temperatures in the lower 30s and frost were widespread across southeast Ohio. Athens had 29 degrees for the coldest. New Lexington felt 30 degrees, while McConnelsville and Waterloo registered 31 degrees near dawn.								
Athens County	14	1905EST			0	0			Hail (0.75)
1 S Nelsonville									
Athens County	14	1905EST			0	0			Hail (1.00)
2 S Nelsonville									
Perry County	18	1830EST			0	0			Hail (1.00)
Crooksville									
Morgan County	18	1848EST			0	0			Hail (1.00)
Mc Connelsville									
Jackson County	19	1730EST			0	0	3K		Thunderstorm Wind
1 NW Jackson									
	Trees and power lines were blown down.								
OHZ066>067- 075>076-083>087	Perry - Morgan - Athens - Washington - Jackson - Vinton - Meigs - Gallia - Lawrence								
	23	0600EST			0	0			Cold
	Dawn temperatures were in the mid 30s for much of southeast Ohio.								
<u>OHIO, Southwest</u>									
Licking County	03	0950EST			0	0			Hail (0.88)
3 W Pataskala									
Licking County	03	1210EST			0	0	5K		Thunderstorm Wind (G60)
Pataskala		1215EST							
	Numerous trees downed								
Greene County	14	1621EST			0	0			Hail (1.00)
2 S Spring Vly to Spring Vly		1630EST							

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OHIO, Southwest									
Warren County Waynesville	14	1621EST			0	0			Hail (1.00)
Clinton County 2 NE Sabina	14	1650EST			0	0			Hail (1.25)
Clinton County 4 NE Sabina	14	1705EST 1710EST	2	500	0	0	20K		Tornado (F1)
A mini supercell spawned a tornado along a warm frontal boundary. Roofs were blown off a grain bin, hog harrowing house, and several farm buildings.									
Fayette County 2 W Jasper Mills to 5 SW Washington Court Hou	14	1710EST 1720EST	3	500	0	0	30K		Tornado (F1)
A mini supercell spawned a tornado that moved out of Clinton county into Fayette county. A shed was destroyed, a barn and 2 houses were damaged, and 8 trees were downed.									
Fayette County Washington Court Hou	14	1720EST 1725EST			0	0			Hail (1.00)
Franklin County Grove City	14	1732EST			0	0			Hail (0.75)
Ross County 2 N Greenland to Adelphi	14	1800EST 1825EST	25	500	0	0	25K		Tornado (F1)
A second tornado formed from a mini-supercell which tracked across much of northern Ross county. Much of the county is open fields so very little structural damage occurred. However, a barn roof was ripped off and power lines were downed near Kingston.									
Pickaway County 2 SW Whisler	14	1803EST			0	0			Hail (0.75)
Franklin County Canal Winchester	14	1820EST			0	0	5K		Thunderstorm Wind (G50)
Numerous trees downed.									
Hocking County Laurelville	14	1847EST			0	0			Hail (1.25)
Delaware County Lewis Center	18	0415EST			0	0			Hail (0.75)
Hardin County Roundhead	18	1350EST 1355EST			0	0			Hail (1.75)
Allen County Lafayette	18	1527EST			0	0	25K		Thunderstorm Wind (G60)
Several barns were damaged or destroyed and numerous trees and power lines were downed.									
Clark County New Carlisle	18	1600EST			0	0			Hail (0.88)
Clark County North Hampton	18	1615EST 1620EST			0	0	5K		Thunderstorm Wind (G50)
Numerous trees downed.									
Champaign County Mechanicsburg	18	1620EST 1625EST			0	0	10K		Thunderstorm Wind (G50)
Numerous trees downed and a roof blown off a barn.									
Madison County London to Rosedale	18	1640EST 1650EST			0	0	10K		Thunderstorm Wind (G50)
Numerous trees downed with a few falling on homes and a barn.									
Delaware County Delaware	18	1650EST 1700EST			0	0	100K		Thunderstorm Wind (G60)
Numerous trees downed. Six homes were damaged when trees fell on them.									
Union County Marysville	18	1650EST 1655EST			0	0	5K		Thunderstorm Wind (G50)
Numerous trees downed.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
OHIO, Southwest							
Franklin County							
Columbus	18	1720EST 1725EST			0 0	10K	Thunderstorm Wind (G60)
							Several trees and large limbs downed. Barn destroyed.
Paulding County							
Paulding	18	2245EST 2250EST			0 0	5K	Thunderstorm Wind (G50)
							Numerous trees downed.
Putnam County							
Ottawa	18	2300EST			1 0	10K	Thunderstorm Wind (G50)
							Numerous trees down including one that fell on a car causing a fatality. F42VE
Allen County							
Beaverdam	18	2325EST 2330EST			0 0	25K	Thunderstorm Wind (G50)
							Several barns damaged or destroyed. Two silos were damaged and trees downed.
Clermont County							
Bethel	19	1550EST 1555EST			0 0	100K	Thunderstorm Wind (G60)
							Numerous trees downed with some falling on residences and a church.
Brown County							
Mt Orab to Georgetown	19	1604EST 1610EST			0 0	5K	Thunderstorm Wind (G50)
							Numerous trees downed.
Ross County							
Londonderry	19	1625EST 1630EST			0 0	5K	Thunderstorm Wind (G50)
							Numerous trees downed.
Adams County							
Cherry Fork	19	1630EST 1635EST			0 0	5K	Thunderstorm Wind (G50)
							Numerous trees and power lines downed. Several roofs blown off.
Highland County							
East Monroe	19	1645EST			0 0	3K	Thunderstorm Wind (G50)
							Several power lines downed.
Pike County							
Cynthiana	19	1645EST 1650EST			0 0	5K	Thunderstorm Wind (G50)
							Numerous trees downed.
Scioto County							
Mt Joy	19	1700EST 1705EST			0 0	3K	Thunderstorm Wind (G50)
							Several trees downed.
Adams County							
Countywide	19	1743EST 2040EST			0 0	100K	Flash Flood
							Over 6 inches of rainfall occurred in only a few hours causing numerous roads to be flooded and creeks to rise out of their banks. A few people had to be rescued from cars and area bridges.
Scioto County							
Rarden	19	1930EST 2000EST			0 0	10K	Flood
							Several streets flooded by over 6 inches of rainfall in only a few hours.
Paulding County							
Payne	25	0830EST 1100EST			0 0	10K	Flood
							Numerous roads closed due to persistent heavy rainfall.
Putnam County							
Ottawa	25	0830EST 1100EST			0 0	10K	Flood
							Numerous roads closed due to persistent heavy rainfall.
Allen County							
Lima to Bluffton	25	1210EST 1400EST			0 0	10K	Flood
							Riley creek in Bluffton rose out of its banks causing 6 residents to be evacuated. Several roads flooded across the county.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>OHIO, Southwest</u>									
OHZ016									
		Putnam							
	26	0500EST			0	0			Flood
	28	0300EST							
	The Blanchard River at Ottawa rose to 26.5 feet on the 27th around 200 am est causing extensive flooding of the town. Flood stage is 23.0 feet.								
Darke County									
Countywide									
	31	1715EST			0	0	10K		Flood
		2300EST							
	Many roads were closed due to flooding from persistent heavy rainfall.								
Brown County									
Countywide									
	31	2038EST			0	0	10K		Flood
		2359EST							
	Numerous roads flooded from heavy rainfall.								
Adams County									
Countywide									
	31	2055EST			0	0	20K		Flood
		2359EST							
	Many roads closed due to flooding from persistent heavy rainfall.								
Highland County									
Countywide									
	31	2130EST			0	0	10K		Flood
		2359EST							
	Persistent heavy rainfall caused many roads to be closed.								
<u>OKLAHOMA, Eastern</u>									
Pawnee County									
3 ENE Pawnee									
	01	2255CST			0	0			Thunderstorm Wind (G53)
Pawnee County									
3 ENE Pawnee									
	01	2300CST			0	0			Thunderstorm Wind (G50)
Osage County									
Fairfax									
	01	2330CST			0	0			Thunderstorm Wind (G52)
Pawnee County									
1 N Pawnee									
	01	2340CST			0	0			Hail (0.88)
Pawnee County									
Pawnee									
	01	2356CST			0	0			Thunderstorm Wind (G52)
Creek County									
Oilton									
	02	0015CST			0	0	0.10K		Thunderstorm Wind
Tulsa County									
7 W Sand Spgs									
	02	0025CST			0	0			Thunderstorm Wind (G56)
Osage County									
7 NW Sand Spgs									
	02	0030CST			0	0			Thunderstorm Wind (G52)
Creek County									
2 W Bristow									
	02	0120CST			0	0			Hail (0.75)
Creek County									
2 W Bristow									
	02	0122CST			0	0			Hail (0.75)
Tulsa County									
Glenpool									
	02	0143CST			0	0			Hail (0.88)
Okmulgee County									
11 N Okmulgee									
	02	0145CST			0	0	0.10K		Thunderstorm Wind
Wagoner County									
7 E Broken Arrow									
	02	0210CST			0	0	0.10K		Thunderstorm Wind
Muskogee County									
Nr Muskogee									
	02	0228CST			0	0			Thunderstorm Wind (G56)
	Severe thunderstorms moved across northeast Oklahoma during the late evening of May 1st and early morning of May 2nd. Strong thunderstorm winds blew down large tree limbs in Oilton, 11 miles north of Okmulgee, and 7 miles east of Broken Arrow, and thunderstorm winds gusted to 65 miles an hour 7 miles west of Sand Springs and near Muskogee. Thunderstorm winds gusted up to 61 miles an hour at an automated observing site 3 miles east northeast of Pawnee and to 60 miles an hour in Fairfax, in Pawnee, and 7 miles northwest of Sand Springs. Nickel size hail fell 1 mile north of Pawnee and at Glenpool, and dime size hail fell 2 miles west of Bristow.								
Craig County									
1 N Vinita									
	02	1135CST			0	0			Hail (0.75)
	A severe thunderstorm produced dime size hail 1 mile north of Vinita.								

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OKLAHOMA, Eastern

Le Flore County

Spiro	02	1549CST			0	0			Hail (1.00)
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A severe thunderstorm produced quarter size hail at Spiro.

Osage County

3 E Ponca City	07	2000CST			0	0			Hail (0.75)
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Osage County

7 W Ralston	07	2037CST	0.1	30	0	0			Tornado (F0)
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Osage County

15 WSW Burbank	07	2100CST 2130CST			0	0			Flash Flood
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Pawnee County

Ralston	07	2100CST			0	0			Hail (1.75)
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Osage County

Fairfax	07	2102CST			0	0			Hail (1.00)
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Osage County

1 SW Fairfax	07	2102CST	0.1	30	0	0			Tornado (F0)
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Pawnee County

1 S Pawnee	07	2221CST			0	0			Hail (0.75)
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Pawnee County

1 S Pawnee	07	2226CST			0	0			Hail (0.75)
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Pawnee County

Nr Maramec	07 08	2230CST 0000CST			0	0			Flash Flood
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Pawnee County

Pawnee	07	2230CST			0	0			Hail (0.75)
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Osage County

Osage	07	2255CST			0	0			Hail (0.75)
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Creek County

3 SSW Glenpool	07	2340CST			0	0			Thunderstorm Wind (G52)
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Tulsa County

3 SSW Glenpool	07	2340CST			0	0			Thunderstorm Wind (G52)
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Tulsa County

Bixby	08	0006CST			0	0			Thunderstorm Wind (G52)
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Cherokee County

3 E Tahlequah	08	0120CST			0	0			Hail (0.75)
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Adair County

Stilwell	08	0142CST			0	0			Hail (0.75)
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Severe thunderstorms moved across northeast Oklahoma during the evening of May 7th and early morning of May 8th. The storms spawned 2 brief tornadoes, both in Osage County, and also produced damaging winds and large hail. The tornadoes touched down at 2037CST 7 miles west of Ralston and at 2102CST 1 mile southwest of Fairfax. The tornadoes both touched down in rural areas, and no structural damage occurred. The tornadoes were both rated F0 in intensity. Thunderstorm winds gusted to 60 miles an hour on the Creek/Tulsa County line 3 miles south southwest of Glenpool and in Bixby. Golfball size hail fell at Ralston, and quarter size hail fell at Fairfax, where the hail drifted to a depth of 11 inches in some places. Dime size hail fell at several other locations in northeast Oklahoma. The storms also produced very heavy rainfall which resulted in flash flooding in Osage and Pawnee Counties. A few roads were washed out 15 miles west southwest of Burbank, and many county roads were flooded near Maramec.

Osage County

3 NE Bowring	13	2135CST			0	0			Thunderstorm Wind (G52)
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Washington County

Bartlesville	13	2145CST			0	0			Thunderstorm Wind (G52)
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Nowata County

1 NW Nowata	13	2150CST			0	0			Thunderstorm Wind (G52)
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Nowata County

1 NW Nowata	13	2155CST			0	0			Thunderstorm Wind (G52)
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Severe thunderstorms moved across extreme northeast Oklahoma during the evening of May 13th and produced damaging winds. Thunderstorm winds gusted to 60 miles an hour at Wahshashe State Park 3 miles northeast of Bowring, where a few trees and numerous 3 to 6 inch diameter tree limbs were blown down. Trees were blown down by 60 mile an hour winds 1 mile northwest of

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Eastern									
of Nowata, and thunderstorm winds also gusted to 60 miles an hour in Bartlesville.									
Osage County 1 W Grainola	25	2130CST			0	0	0.10K		Thunderstorm Wind
Osage County 1 W Grainola	25	2145CST			0	0			Hail (0.88)
A severe thunderstorm produced dime to nickel size hail and strong winds which downed trees and phone lines 1 mile west of Grainola.									
Osage County 1 W Prue	26	1706CST			0	0			Hail (0.88)
Pawnee County Westport	26	1711CST			0	0			Hail (1.00)
Tulsa County 7 W Sand Spgs	26	1714CST			0	0			Hail (0.88)
Tulsa County Sand Spgs	26	1715CST			0	0			Hail (1.00)
Tulsa County 4 S Sand Spgs	26	1716CST			0	0			Hail (1.25)
Creek County Sapulpa	26	1720CST			0	0			Hail (2.75)
Tulsa County Tulsa	26	1725CST			0	0			Hail (1.25)
Tulsa County Tulsa	26	1726CST			0	0			Hail (0.88)
Creek County 1 ESE Sapulpa	26	1730CST	0.1	75	0	0			Tornado (F1)
Creek County 2 SE Sapulpa	26	1735CST	0.1	30	0	0			Tornado (F0)
Creek County 7 SSW Sapulpa to 2 S Kiefer	26	1738CST 1745CST	5	150	0	0			Tornado (F1)
Creek County 2 S Kiefer	26	1740CST			0	0			Hail (0.88)
Creek County 1 S Mounds	26	1745CST			0	0			Hail (0.75)
Okmulgee County 1 S Mounds	26	1745CST			0	0			Hail (0.75)
Creek County 7 WSW Beggs	26	1746CST	0.1	30	0	0			Tornado (F0)
Okmulgee County 7 WSW Beggs to 3 SW Mounds	26	1746CST 1806CST	8	100	0	0	160K		Tornado (F2)
Okfuskee County 2 W Bearden	26	1747CST	0.1	30	0	0			Tornado (F0)
Tulsa County Tulsa	26	1800CST			0	0			Hail (0.75)
Osage County 2 N Grainola	26	1805CST			0	0	1K		Thunderstorm Wind
Tulsa County Glenpool	26	1807CST			0	0			Hail (1.75)
Okmulgee County 4 S Beggs	26	1808CST	0.1	30	0	0			Tornado (F0)
Osage County 2 NW Tulsa	26	1808CST			0	0			Hail (1.00)
Nowata County South Coffeyville	26	1810CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Eastern									
Tulsa County 1 SE Glenpool	26	1815CST	0.1	40	0	0	25K		Tornado (F0)
Okmulgee County 3 SE Beggs to Preston	26	1819CST 1822CST	2	100	0	0	200K		Tornado (F1)
Okmulgee County 1 E Preston to 3 E Preston	26	1824CST 1828CST	2	100	0	0	40K		Tornado (F1)
Tulsa County 3 NE Bixby	26	1825CST			0	0	0.10K		Thunderstorm Wind
Tulsa County 1 SE Glenpool	26	1830CST			0	0			Hail (2.00)
Okfuskee County 3 S Weleetka	26	1834CST			0	0			Hail (1.75)
Okfuskee County Nr Pharoah	26	1840CST			0	0			Hail (1.50)
Okmulgee County 4 E Preston to 8 E Preston	26	1840CST 1846CST	4	75	0	0	40K		Tornado (F1)
Washington County 2 N Copan	26	1840CST			0	0			Hail (0.75)
Tulsa County Tulsa	26	1850CST 1930CST			0	0			Flash Flood
Mcintosh County Pierce	26	1854CST			0	0			Hail (1.00)
Nowata County Wann	26	1900CST			0	0			Hail (0.75)
Okmulgee County Natura	26	1911CST			0	0	10K		Thunderstorm Wind
Nowata County 1 E Delaware	26	1920CST			0	0			Hail (0.88)
Mcintosh County Raiford	26	1921CST			0	0			Hail (1.00)
Nowata County Childers	26	1925CST			0	0			Hail (0.75)
Ottawa County .5 N Picher	26	1925CST	0.1	30	0	0			Tornado (F0)
Muskogee County Boynton	26	1927CST			0	0			Hail (0.75)
Pittsburg County 6 W Indianola to 2 SW Indianola	26	1929CST 1941CST	5	440	0	1	100K		Tornado (F3)
Wagoner County Nr Wagoner	26	1929CST			0	0			Thunderstorm Wind (G74)
Mcintosh County 1 S Hanna	26	1930CST			0	0	45K		Thunderstorm Wind
Muskogee County Nr Boynton	26	1930CST			0	0			Hail (1.75)
Ottawa County Picher	26	1935CST			0	0			Hail (1.75)
Ottawa County Picher	26	1935CST			0	0			Thunderstorm Wind (G74)
Wagoner County 2 E Wagoner	26	1935CST			0	0			Thunderstorm Wind (G52)
Ottawa County Picher	26	1937CST			0	0			Hail (1.75)
Ottawa County 1 NE Quapaw	26	1942CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Eastern									
Ottawa County 1 N Quapaw	26	1942CST			0	0			Hail (1.75)
Muskogee County 3 W Muskogee	26	1945CST			0	0	0.10K		Thunderstorm Wind
Cherokee County Hulbert	26	1950CST			0	0	0.10K		Thunderstorm Wind
Craig County 5 SW Vinita	26	1950CST			0	0			Thunderstorm Wind (G56)
Craig County 5.5 W Vinita	26	1950CST			0	0			Thunderstorm Wind (G56)
Mcintosh County Nr Hanna	26	1950CST			0	0			Hail (0.88)
Pittsburg County 6 N Mc Alester	26	2015CST			0	0	80K		Thunderstorm Wind
Cherokee County .5 S Cookson	26	2025CST			0	0			Hail (0.75)
Delaware County 5 W Grove	26	2030CST			0	0	0.10K		Thunderstorm Wind
Pittsburg County Mc Alester	26	2030CST			0	0			Hail (1.00)
Pittsburg County 4 S Blocker to 10 NW Wilburton	26	2032CST 2040CST	4	50	0	0	20K		Tornado (F1)
Pittsburg County 1 S Mc Alester	26	2039CST			0	0			Hail (1.00)
Latimer County 10 NW Wilburton	26	2040CST	0.3	50	0	0	15K		Tornado (F1)
Delaware County 6 E Grove	26	2045CST			0	0	0.10K		Thunderstorm Wind
Ottawa County Fairland	26	2045CST			0	0	10K		Thunderstorm Wind
Ottawa County Miami	26	2045CST 2115CST			0	0			Flash Flood
Ottawa County Nr Afton	26	2045CST			0	0	5K		Thunderstorm Wind
Delaware County 3 NE Grove	26	2046CST			0	0			Thunderstorm Wind (G52)
Ottawa County Nr Fairland	26	2048CST			0	0	20K		Thunderstorm Wind
Adair County Stilwell	26	2100CST			0	0	0.10K		Thunderstorm Wind
Latimer County Wilburton	26	2100CST			0	0			Hail (0.88)
Latimer County 1 W Wilburton	26	2100CST			0	0	0.10K		Thunderstorm Wind
Latimer County Wilburton	26	2100CST			0	0	0.10K		Thunderstorm Wind
Pittsburg County 6 W Mc Alester	26	2120CST			0	0			Hail (1.00)
Pittsburg County 4 W Mc Alester	26	2120CST			0	0			Hail (1.00)
Pittsburg County Mc Alester	26	2120CST			0	0			Hail (1.00)
Le Flore County Talihina	26	2130CST			0	0	0.10K		Thunderstorm Wind
Sequoyah County Nicut	26	2140CST			0	0			Hail (0.88)

Severe thunderstorms moved across eastern Oklahoma during the late afternoon and evening of May 26th. The storms spawned 13

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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OKLAHOMA, Eastern

tornadoes and also produced damaging winds and large hail.

The first tornado touched down briefly at 1730CST 1 mile east southeast of Sapulpa. This 75 yard wide tornado produced no structural damage and was rated F1 in intensity.

The second tornado touched down briefly at 1735CST 2 miles southeast of Sapulpa. This tornado produced no structural damage and was rated F0 in intensity.

The third tornado touched down at 1738CST 7 miles south southwest of Sapulpa and moved east northeast for 5 miles before lifting at 1745CST 2 miles south of Kiefer. This 150 yard wide tornado downed trees and power lines along its path and was rated F1 in intensity.

The fourth tornado touched down at 1746CST 7 miles west southwest of Beggs. The tornado initially touched down just inside Creek County before entering Okmulgee County. The tornado moved north northeast for 8 miles before lifting at 1806CST 3 miles southwest of Mounds. This 100 yard wide tornado damaged 8 homes in Okmulgee County and downed trees and power lines and was rated F0 in intensity in Creek County and F2 in intensity in Okmulgee County.

The fifth tornado touched down briefly at 1747CST 2 miles west of Bearden. This tornado produced no structural damage and was rated F0 in intensity.

The sixth tornado touched down briefly at 1808CST 4 miles south of Beggs. This tornado produced no structural damage and was rated F0 in intensity.

The seventh tornado touched down briefly at 1815CST 1 mile southeast of Glenpool. This 40 yard wide tornado destroyed 1 trailer home and a barn and was rated F0 in intensity.

The eighth tornado touched down at 1819CST 3 miles southeast of Beggs and moved east for 2 miles before lifting at 1822CST on the west side of Preston. This 100 yard wide tornado damaged houses, threw debris onto roads, destroyed garages and small buildings, and downed trees and power lines. This tornado was rated F1 in intensity.

The ninth tornado touched down at 1824CST 1 mile east of Preston and moved east for 2 miles before lifting at 1828CST 3 miles east of Preston. This 100 yard wide tornado produced minor damage to 4 houses and downed trees and was rated F1 in intensity.

The tenth tornado touched down at 1840CST 4 miles east of Preston and moved east for 4 miles before lifting at 1846CST 8 miles east of Preston. This 75 yard wide tornado damaged a church and a house and downed trees and was rated F1 in intensity.

The eleventh tornado touched down briefly at 1925CST 0.5 miles north of Picher. This tornado produced no structural damage and was rated F0 in intensity.

The twelfth tornado touched down at 1929CST 6 miles west of Indianola and moved east southeast for 5 miles before lifting at 1941CST 2 miles southwest of Indianola. This 440 yard wide tornado destroyed 1 house and 1 mobile home, and 1 person suffered minor injuries. Large farm equipment was thrown several hundred yards by the tornado, and numerous large trees were also downed. This tornado was rated F3 in intensity making it the strongest tornado of the day.

The thirteenth tornado touched down at 2032CST 4 miles south of Blocker in Pittsburg County and moved east for 4 miles into Latimer County before lifting at 2040CST 10 miles northwest of Wilburton about 1/4 mile into Latimer County. This 50 yard wide tornado destroyed a mobile home and downed trees in Pittsburg County and damaged a house and downed trees in Latimer County. This tornado was rated F1 in intensity in both Pittsburg and Latimer Counties.

Damaging straightline winds also accompanied the storms. Strong thunderstorm winds damaged brick houses and 1 trailer home 6 miles north of McAlester, and a fence was damaged and trees downed in the same area. Thunderstorm winds destroyed 2 mobile homes and a barn and downed power lines and numerous large trees 1 mile south of Hanna. A house was damaged by strong winds in Natura, and a rec substation was damaged by winds near Fairland. Strong thunderstorm winds damaged outbuildings and downed trees and power lines in Fairland, and an 18 wheeler was blown off Interstate 44 near Afton. Strong winds split a tree and downed power lines and 2 telephone poles 2 miles north of Grainola, and numerous trees and large tree limbs were blown down across roads 6 miles east of Grove. Trees were blown down 3 miles northeast of Bixby, 3 miles west of Muskogee, 1 mile west of Wilburton, in Wilburton, and in Talihina, and large tree limbs were blown down in Hulbert, 5 miles west of Grove, and in Stilwell. Thunderstorm winds gusted to 85 miles an hour near Wagoner and in Picher, to 65 miles an hour 5 miles southwest of Vinita and 5.5 miles west of Vinita, and to 60 miles an hour 2 miles east of Wagoner and 3 miles northeast of Grove.

Large hail also accompanied the storms. Baseball size hail fell at Sapulpa, and 2 inch diameter hail fell 1 mile southeast of Glenpool. Golfball size hail fell at Glenpool, 3 miles south of Weleetka, near Boynton, at Picher, 1 mile northeast of Quapaw, and 1 mile north of Quapaw, and ping pong ball size hail fell near Pharoah. Half dollar size hail fell 4 miles south of Sand Springs, and quarter to half dollar size hail fell at 81st Street South and Riverside Drive in the city of Tulsa. Dime to quarter size hail fell at

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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OKLAHOMA, Eastern

numerous other locations in eastern Oklahoma.

The storms also produced very heavy rainfall which resulted in flash flooding. Little Haikey Creek overflowed its banks in the city of Tulsa and flooded 91st Street South between Memorial Drive and Mingo Road, and street flooding occurred in Miami.

OKLAHOMA, Extreme Southeast

Mccurtain County Idabel	08	2200CST			0 0		Hail (0.75)
Mccurtain County 5 W Bethel	26	1020CST			0 0		Hail (1.00)
Mccurtain County 1 E Broken Bow	27	0010CST			0 0		Thunderstorm Wind (G60)
Mccurtain County Idabel	27	0120CST			0 0		Hail (0.75)
Mccurtain County Valliant	27	1145CST			0 0		Hail (1.75)
Mccurtain County 4 N Valliant	27	1150CST			0 0		Thunderstorm Wind (G70)

Several trees were uprooted and some trees were snapped half way to the top.

OKLAHOMA, Panhandle

OKZ003 Beaver	01	1705CST			0 0		High Wind (G51)
							Inflow gusts as reported by Oklahoma Mesonet at Beaver.
Beaver County 5 E Turpin	01	1754CST			0 0		Hail (0.75)
Beaver County Balko	01	1822CST			0 0		Hail (1.00)
							Near Bryans Corner.
Beaver County 7 S Beaver	01	1829CST			0 0		Hail (1.00)
Beaver County Slapout	01	1902CST			0 0		Hail (1.00)
Beaver County Slapout	01	1930CST			0 0		Hail (1.00)
							Thunderstorms across the eastern Oklahoma Panhandle produced large hail and high winds.
Texas County 5 N Texhoma	06	1857CST			0 0		Hail (1.00)
Texas County 2 E Goodwell	06	1915CST			0 0		Thunderstorm Wind (G52)
							Oklahoma Mesonet reading relayed by NWSFO in Norman OK. Thunderstorms over the central Oklahoma Panhandle produced large hail and high winds.
Beaver County 9 E Elmwood	16	2150CST			0 0		Hail (1.00)
							Severe thunderstorm over the eastern Oklahoma Panhandle produced large hail.
Texas County 1 W Hooker	18	1935CST			0 0		Thunderstorm Wind (G50)
							Measured by Oklahoma Mesonet. Severe thunderstorms across the central Oklahoma Panhandle produced high winds during the early evening hours.
Texas County Guymon	24	1745CST			0 0		Hail (0.75)
Texas County Guymon	24	1747CST			0 0		Hail (0.88)
Texas County 3 E Adams	24	1839CST			0 0		Hail (0.75)
							Report of hail covering the ground.
Texas County 3 E Adams	24	1916CST			0 0		Thunderstorm Wind (G61)
							Report of broken windows.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>OKLAHOMA, Panhandle</u>									
Texas County Baker	24	1920CST			0	0			Hail (0.75)
		Hail was covering the ground.							
Texas County Baker	24	1920CST			0	0			Thunderstorm Wind (G65)
		Report of broken windows at 2 or 3 homes. Severe thunderstorms over the central Oklahoma Panhandle produced large hail and damaging winds.							
Texas County 6 NW Eva	28	1550CST			0	0			Hail (0.75)
		A severe thunderstorm over the central Oklahoma Panhandle produced some large hail.							
Texas County Guymon	29	1813CST			0	0			Hail (0.75)
Texas County 1 N Guymon	29	1820CST			0	0			Hail (1.00)
Texas County Guymon	29	1847CST			0	0			Hail (0.75)
		Severe thunderstorms moved through the central Oklahoma Panhandle producing large hail.							
<u>OKLAHOMA, Western, Central and Southeast</u>									
Harmon County 2 W Madge	01	1628CST			0	0			Hail (1.75)
Greer County 6 NW Mangum	01	1630CST			0	0			Hail (0.88)
Harmon County 1 W Madge	01	1630CST			0	0			Hail (2.00)
Harmon County 4 SW Vinson	01	1637CST			0	0			Hail (1.00)
		Quarter-sized hail stripped foliage from vegetation.							
Harmon County Madge	01	1640CST			0	0			Hail (1.75)
Harmon County 3 W Vinson	01	1641CST			0	0			Hail (2.25)
Greer County 4 W Willow	01	1645CST			0	0			Hail (1.00)
Roger Mills County 2 SW Durham	01	1710CST			0	0			Hail (0.75)
Greer County Granite	01	1725CST			0	0			Hail (0.88)
Kiowa County 3 W Lone Wolf	01	1739CST			0	0			Hail (1.00)
Kiowa County 3 W Lone Wolf	01	1747CST			0	0			Hail (0.88)
Kiowa County Hobart	01	1808CST			0	0			Hail (0.88)
Kiowa County Hobart	01	1811CST			0	0			Hail (1.00)
Kiowa County 9 E Hobart	01	1821CST			0	0			Hail (0.88)
Kiowa County 7 S Gotebo	01	1839CST 1841CST			0	0			Funnel Cloud
		A long, horizontal funnel cloud extended into the clear slot of the storm. No wall cloud was observed.							
Harper County 2 W Rosston	01	1847CST			0	0			Hail (0.75)
Caddo County 5 S Carnegie	01	1848CST			0	0			Hail (0.75)
Caddo County Carnegie	01	1853CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
Harper County 2 N Laverne	01	1855CST			0	0			Hail (0.75)
Beckham County Sayre	01	1900CST			0	0			Hail (1.00)
Beckham County Elk City	01	1915CST			0	0	0.01K		Thunderstorm Wind
Severe thunderstorm winds downed tree limbs.									
Harper County Laverne	01	1917CST			0	0			Hail (1.50)
Beckham County 5 SW Elk City	01	1930CST			0	0			Hail (0.88)
Beckham County 4 SW Elk City	01	1932CST			0	0	1K		Thunderstorm Wind
A barn was damaged by severe thunderstorm winds.									
Harper County May	01	1935CST			0	0			Hail (0.88)
Washita County Canute	01	1940CST			0	0			Hail (1.00)
Washita County 6 W Burns Flat	01	1943CST			0	0			Hail (0.75)
Ellis County 4 N Catesby	01	1945CST			0	0			Hail (0.75)
Woods County 15 NW Freedom	01	1950CST			0	0			Hail (0.88)
Woodward County Ft Supply	01	1953CST			0	0			Hail (0.88)
Ellis County 8 N Gage	01	2007CST			0	0			Hail (1.00)
Washita County 1 SE Bessie	01	2007CST			0	0			Hail (0.75)
Ellis County 5 N Gage	01	2010CST			0	0			Hail (1.75)
Washita County 4 WNW Bessie	01	2010CST			0	0			Thunderstorm Wind (G50)
measured at the Oklahoma Mesonet site									
Washita County Burns Flat	01	2010CST			0	0	20K		Hail (1.75)
Wind-driven hail as large as golf balls broke windows and dented 11 cars parked at the old Clinton-Sherman Air Base. Fences and roofs of buildings were also damaged.									
Woodward County 10 N Woodward	01	2010CST			0	0			Hail (1.00)
Woodward County 13 N Mooreland	01	2028CST			0	0			Hail (0.75)
Custer County 4 S Weatherford	01	2035CST			0	0			Hail (0.88)
Ellis County Shattuck	01	2035CST			0	0			Hail (0.75)
Woods County Waynoka	01	2040CST			0	0			Hail (0.88)
Woodward County 7 NW Woodward	01	2042CST			0	0			Hail (1.00)
Washita County 4 W Corn	01	2045CST			0	0			Hail (1.00)
Woodward County 2 W Mooreland	01	2048CST			0	0			Hail (0.75)
Alfalfa County Burlington	01	2056CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
Caddo County 2 N Hinton	01	2102CST			0	0			Hail (1.75)
Blaine County 1 SW Geary	01	2105CST			0	0			Hail (0.75)
Canadian County Calumet	01	2125CST			0	0			Hail (0.75)
Grant County Wakita	01	2130CST			0	0			Hail (0.88)
Roger Mills County Reydon	01	2130CST			0	0			Hail (0.75)
Woodward County 4 W Woodward	01	2130CST			0	0			Hail (1.00)
Alfalfa County Byron	01	2145CST			0	0			Hail (0.88)
Major County 4 ENE Meno	01	2145CST			0	0			Hail (0.88)
Woodward County Woodward	01	2145CST			0	0			Hail (0.75)
Kingfisher County 1 E Okarche	01	2146CST			0	0			Thunderstorm Wind (G55)
Alfalfa County 5 S Cherokee	01	2152CST			0	0			Hail (0.88)
Roger Mills County Reydon	01	2152CST			0	0			Hail (0.75)
Garfield County 3 W Carrier	01	2200CST			0	0			Hail (0.88)

Summary of events of May 1, 1997:

Severe thunderstorms developed during the late afternoon and moved across western Oklahoma into portions of central and north-central Oklahoma during the evening. Reports of large hail were common, with hail up to 2.25 inches near Vinson in Harmon County in extreme southwest Oklahoma. Wind-driven hail up to golf ball sized (1.75 inches) caused extensive damage in Burns Flat in Washita County.

Reports of severe thunderstorm winds were much less common than large hail, with wind damage in and near Elk City in Beckham County and gusts to 63 mph east of Okarche in Kingfisher County.

See preceding individual Storm Data entries for further information and additional reports.

OKZ005

Woods

02	1635CST			0	0			High Wind (G50)
measured at the Oklahoma Mesonet site located at May Ranch (16 miles NNE of Freedom)								

Summary of events of May 2, 1997:

A strong cold front moved into northern Oklahoma during the afternoon and early evening of May 2nd. The Oklahoma Mesonet recorded sustained winds of 30 to 40 mph with gusts in the 40 to 50 mph range lasting for more than 6 hours in many locations, particularly in northwest Oklahoma. In Woods County, one wind gust was measured at 58 mph at May Ranch.

Tillman County

4 S Tipton	07	1625CST			0	0		Thunderstorm Wind (G53)
measured at the Oklahoma Mesonet site								
Alfalfa County 10 ENE Amorita	07	1640CST			0	0		Hail (0.75)
Grant County 2 WNW Gibbon	07	1647CST			0	0		Hail (1.00)
Grant County Medford	07	1718CST			0	0		Hail (0.88)
Grant County 2 W Wakita to 1 S Wakita	07	1800CST	2	50	0	0	3K	Tornado (F0)

A tornado touched down 2 miles west of Wakita and moved southeast to a location 1 mile south of Wakita on Highway 11A.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OKLAHOMA, Western, Central and Southeast									
Along this path, 9 power poles and numerous tree limbs were blown down and the cross-arms on all of the remaining utility poles were snapped.									
Grant County Wakita	07	1800CST			0	0	2K		Thunderstorm Wind
Severe thunderstorm winds blew part of the roof off of a 2-story storage building.									
Grant County 4 NW Medford	07	1805CST			0	0	7K		Thunderstorm Wind
A roof was blown off a grain elevator by severe thunderstorm winds.									
Grant County 3 SW Renfrow	07	1820CST			0	0			Hail (1.75)
Grant County 2 W Deer Creek	07	1836CST			0	0			Hail (1.00)
at the intersection of Highways 11 and 74									
Grant County Deer Creek	07	1852CST	0.1	25	0	0			Tornado (F0)
Brief touchdown reported by County Sheriff's Office									
Grant County Deer Creek	07	1853CST	0.1	25	0	0			Tornado (F0)
Second brief touchdown reported by County Sheriff's Office									
Kay County 7 W Blackwell	07	1858CST	0.1	25	0	0			Tornado (F0)
Reported by a county spotter									
Ellis County 12 SW Arnett	07	1910CST			0	0			Hail (0.88)
Kay County 3 SW Ponca City	07	1940CST			0	0			Hail (1.00)
Grant County 8 ESE Medford	07	1945CST			0	0			Hail (1.00)
Grant County Medford to 16 NNE Medford	07	2000CST			0	0			Flash Flood
Highway 81 from Medford to the Kansas state line was closed due to high water covering the road at many locations.									
Grant County 6 NNE Medford	07	2000CST			0	0			Hail (1.00)
Grant County 3 SW Renfrow	07	2000CST			0	0			Hail (0.88)
Beckham County Erick	07	2015CST			0	0	10K		Thunderstorm Wind (G69)
Severe thunderstorm winds up to 79 mph caused extensive damage throughout Erick. Numerous signs, utility poles, and trees were broken in and around town, including 30 utility poles that were downed.									
Beckham County 4 ESE Erick	07	2025CST			0	0			Thunderstorm Wind (G69)
measured at the Oklahoma Mesonet site									
Beckham County 4 ESE Erick	07	2030CST			0	0			Thunderstorm Wind (G56)
measured at the Oklahoma Mesonet site									
Beckham County Sayre	07	2030CST			0	0	15K		Thunderstorm Wind
Severe thunderstorm winds blew part of the roof off of the Sayre elementary school library. Winds also uprooted large trees and downed at least one utility pole in town. Reports of more minor tree and roof damage were widespread across Sayre.									
Kay County Countywide	07	2030CST			0	0			Flash Flood
Numerous roads and highways were flooded and closed across the southern half of the county. Stalled vehicles and accidents were also reported.									
Roger Mills County 6 SW Cheyenne	07	2030CST			0	0			Thunderstorm Wind (G55)
measured at the Oklahoma Mesonet site									
Grant County Lamont	07	2037CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OKLAHOMA, Western, Central and Southeast									
Beckham County									
Elk City	07	2045CST			0	0	35K		Thunderstorm Wind
Severe thunderstorm winds in Elk City blew the roof off of one business and blew eight overhead doors out of several other businesses. On the edge of town an 11,000 pound tank trailer was blown onto its side and into a fence. Countless trees and limbs were snapped and signs were downed throughout town.									
Roger Mills County									
3 SW Hammon	07	2045CST			0	0			Hail (0.88)
Washita County									
Canute	07	2054CST			0	0	4K		Thunderstorm Wind (G65)
Severe thunderstorm winds estimated at 75 mph blew signs down in Canute.									
Custer County									
Arapaho	07	2100CST			0	0	1K		Thunderstorm Wind
Light and power poles were blown down by severe thunderstorm winds.									
Custer County									
4 WSW Weatherford	07	2120CST 2125CST			0	0			Thunderstorm Wind (G70)
The 5-minute average wind speed (sustained wind) from 9:20 pm to 9:25 pm CST was measured at 52 mph at the Oklahoma Mesonet site, with a peak gust during this time of 81 mph.									
Kiowa County									
4 SE Hobart	07	2120CST			0	0			Thunderstorm Wind (G53)
measured at the Oklahoma Mesonet site.									
Custer County									
4 WSW Weatherford	07	2125CST 2130CST			0	0			Thunderstorm Wind (G67)
The 5-minute average wind speed (sustained wind) from 9:25 pm to 9:30 pm CST was measured at 61 mph at the Oklahoma Mesonet site, with a peak gust during this time of 77 mph.									
Custer County									
Weatherford	07	2130CST			0	0	100K		Thunderstorm Wind (G83)
Severe thunderstorm winds up to 96 mph (measured by a local firefighter) caused widespread and heavy damage in and around Weatherford. Extensive tree, sign, limb, fence, and window damage was reported. At least 7 power poles were snapped in the Weatherford vicinity.									
Some of the most severe structural damage occurred at South Western Oklahoma State University, where the roof was blown off of the auditorium. Portions of the auditorium roof landed on and destroyed a police car. The roof was also blown off a campus elevator shaft. Pieces of this second roof landed on and crushed one car and damaged a second vehicle.									
Elsewhere in town the roof was blown off of a building at an industrial park and the doors were blown in at a salvage yard. The portable bleachers were flipped over a fence and the foul pole was bent 40 degrees at the high school baseball field. Some of the tin on the front of the school cafeteria was also damaged.									
Just east of town, severe thunderstorm winds caused 4 tractor-trailer trucks to jack-knife and blew another semi-truck over on I-40. The interstate was completely closed for one and a half hours as the trucks were cleared from the highway.									
Custer County									
4 WSW Weatherford	07	2130CST 2135CST			0	0			Thunderstorm Wind (G55)
The 5-minute average wind speed (sustained wind) from 9:30 pm to 9:35 pm CST was measured at 50 mph at the Oklahoma Mesonet site, with a peak gust during this time of 63 mph.									
Harmon County									
2 W Mc Knight	07	2140CST			0	0			Hail (1.00)
Kay County									
3 SW Ponca City	07	2140CST			0	0			Hail (1.00)
Blaine County									
7 W Watonga	07	2150CST			0	0			Thunderstorm Wind (G56)
measured at the Oklahoma Mesonet site									
Caddo County									
Binger	07	2150CST			0	1	60K		Thunderstorm Wind
Severe thunderstorm winds estimated at up to 90 mph caused widespread damage and one injury in Binger. One man was injured when his mobile home was overturned, pinning him between a tree and some of the debris from the home. His family, including a wife and 4 children, was also inside the house but escaped uninjured.									
Elsewhere in the area a tree was blown over onto a pickup truck and several storefront windows were blown out in town. The roof was blown off of the grandstand at the local fairgrounds and steel posts were pulled from concrete at a ranch. A farm implement									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western, Central and Southeast

Tillman County 4 S Tipton	08	1625CST			0	0			Thunderstorm Wind (G53) measured at the Oklahoma Mesonet site
Tillman County Tipton	08	1631CST			0	0			Hail (1.75)
Tillman County Frederick	08	1638CST			0	0			Hail (1.75)
Tillman County Frederick	08	1645CST			0	0			Hail (1.00) Dime to quarter-sized hail covered the ground.
Jackson County 5 SE Elmer	08	1700CST			0	0			Hail (0.75)
Jackson County 6 SE Elmer	08	1705CST			0	0			Hail (0.75)
Tillman County 4 W Grandfield	08	1734CST			0	0			Hail (0.88)
Carter County Healdton	08	1930CST			0	0	0.50K		Thunderstorm Wind Severe thunderstorm winds downed power lines in Healdton.
Canadian County Yukon	08	2115CST			0	0			Hail (1.50) at the Xerox plant on I-40
Oklahoma County Oklahoma City	08	2207CST			0	0			Hail (0.75) at SE 30th and I-35

Summary of events of May 8, 1997:

Severe thunderstorms moved from southwest Oklahoma into south-central and parts of central Oklahoma during the afternoon and early evening of the 8th. Hail as large as golf balls was reported in Frederick and Tipton in Tillman County, southeast of Hollis in Harmon County, and southwest of Duke in Jackson County. Severe thunderstorm winds were measured at speeds up to 61 mph south of Tipton in Tillman County and wind damage occurred in Healdton in Carter County. See preceding individual Storm Data entries for further details and additional reports.

Kay County 4 SSE Blackwell	19	0205CST			0	0			Thunderstorm Wind (G56) measured at the Oklahoma Mesonet site
Kay County Ponca City (Kpnc)	19	0216CST			0	0	0.10K		Thunderstorm Wind (G50) Wind gusts to 58 mph were measured at the Ponca City Municipal Airport (KPNC). Limbs and trees were downed throughout town by the severe winds.
Garfield County Enid	19	0600CST			0	0	5K		Lightning Lightning struck a three-story brick building on the Phillips University Campus, damaging the front and the roof.
Cleveland County Norman	19	0700CST			0	0	0.10K		Thunderstorm Wind Large trees were downed in town by severe thunderstorm winds. (time estimated)
Cleveland County Norman	19	0705CST			0	0	10K		Lightning Lightning struck and set fire to a house.
Seminole County Seminole	19	0800CST			0	0	0.01K		Thunderstorm Wind Numerous large tree limbs were downed in Seminole. (time estimated)

Summary of events of May 19, 1997:

Late night and early morning thunderstorms produced severe straight-line winds that resulted in tree and limb damage in parts of north-central and central Oklahoma. The highest measured wind speed was 64 mph at the Oklahoma Mesonet site near Blackwell in Kay County. Damage was reported in Ponca City in Kay County, in Norman in Cleveland County, and in Seminole in Seminole County.

Lightning damage was also reported in Enid in Garfield County and in Norman in Cleveland County.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western, Central and Southeast

See preceding individual Storm Data entries for further details and additional reports.

Ellis County 6 N Gage	23	1505CST			0	0			Hail (0.75)
Ellis County 8 N Gage	23	1506CST			0	0			Flash Flood
State Highway 46 was under water due to flash flooding.									
Ellis County 8 NE Shattuck	23	1520CST			0	0			Flash Flood
Crops were under water after 3.3 inches of rain during the afternoon.									
Ellis County 7 N Gage	23	1605CST			0	0			Flash Flood
Three feet of water covered State Highway 46.									

Summary of events of May 23, 1997:

Several slow-moving thunderstorms moved across Ellis County during the afternoon of the 23rd. One report of 3/4 inch hail was received; however, flash flooding was of greater impact after extended periods of heavy rain. Highway 46 was covered by as much as 3 feet of water and crops were completely flooded in some areas.

Beckham County 12 N Erick	24	2016CST			0	0			Hail (0.75)
Roger Mills County 5 WNW Angora	24	2059CST			0	0			Hail (0.88)
Carter County Ardmore	24	2130CST			0	0	1.5K		Lightning
Lightning struck and set fire to a storage shed.									
Dewey County 5 S Taloga	24	2148CST			0	0			Hail (0.88)
Carter County Ardmore	25	0055CST			0	0	8K		Lightning
Lightning struck and set fire to a vacant house. Damage was estimated at \$8000.									
McClain County Newcastle	25	0145CST			0	0			Hail (0.88)
Cleveland County Norman	25	0155CST			0	0			Hail (0.88)
Nickel-sized hail fell on the northwest side of Norman.									

Summary of events of May 24, 1997 to early morning of May 25, 1997:

Thunderstorms moved into western Oklahoma late in the evening of the 24th, producing nickel-sized hail near Angora in Roger Mills County and south of Taloga in Dewey County. As the storms moved into central Oklahoma overnight, nickel-sized hail also fell in Norman in Cleveland County and in Newcastle in McClain County.

In Carter County in south-central Oklahoma lightning struck and set fire to a house and a shed in Ardmore.

See preceding individual Storm Data entries for further details and additional reports.

Grady County 1 W Amber	25	1452CST			0	0			Hail (1.00)
Grady County 2.5 E Middleberg	25	1512CST			0	0			Hail (1.00)
Grady County 3 NE Tabler to 2.5 SSW Middleberg	25	1514CST 1524CST	2.5	75	0	0	24K		Tornado (F1)

This description, with very minimal editing, was taken from a damage survey conducted by a National Weather Service meteorologist on Monday May 26th (Memorial Day), the day after the tornado occurred.

This tornado, rated F1, began 3 miles northeast of Tabler at 15:14 CST and tracked just south of due east for about 2.5 miles before dissipating 2.5 miles south-southwest of Middleberg at 15:24 CST. The maximum width of the damage path was 75 yards. Structural damage was confined to a dairy farm near the beginning of the track; otherwise, this tornado remained over mostly open country.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
	Date			Killed	Injured	Property	Crops	

OKLAHOMA, Western, Central and Southeast

Spotter observations and corresponding video confirm that the first tornado formed rapidly west of State Highway 9 at 15:14 CST, in mostly open country between Tabler and Middleberg. Survey results located the first signs of damage to trees just west of the Mid-Am Dairy Farm (or R & S Dairy), located 3 miles northeast of Tabler. More than a dozen trees lost large branches near and west of the dairy. At the dairy itself, a mobile home was destroyed, power lines were downed, and two metal outbuildings suffered heavy damage to roofs and walls. Metal grain silos also were damaged. Considering the construction of the outbuildings and the large piles of hay bales near the mobile home that were relatively unaffected, damage in this area was rated F1. The maximum path width of about 75 yards, based on visible damage and on video, was estimated to be in this area.

Observations and video indicate that the tornado then proceeded eastward and eventually east-southeastward, narrowing to a thin, mostly vertical rope funnel that underwent several cycles of lifting and returning to ground contact. However, the circulation was likely in contact with the ground the entire time. The funnel crossed Highway 9 around 15:22 CST 2.5 miles southwest of Middleberg, where several trees lost large branches and a road sign was damaged. Between the dairy and this point, the tornado track was inaccessible. Although the funnel lifted from the ground shortly after crossing the highway, video confirms that a tight, small circulation with ground condensation persisted, crossing an open field southeast of the road. This rotation at the ground lasted about another two minutes before dissipating at about 15:24 CST. Since the tornado passed over open country, no further damage was found.

Grady County 2.5 E Middleberg	25	1515CST		0	0			Hail (2.50)
Grady County 2.5 N Tabler	25	1517CST		0	0	10K		Thunderstorm Wind
The roof was blown off a mobile home by severe thunderstorm winds.								
McClain County Blanchard	25	1520CST		0	0			Hail (1.75)
McClain County 1 N Blanchard	25	1525CST		0	0			Hail (1.00)
McClain County 7 WSW Purcell to 4 S Purcell	25	1600CST 1624CST	6	1320	0	2	900K	Tornado (F2)

This description was taken almost entirely, and with minimal editing, from a damage survey conducted Monday May 26th (Memorial Day), the day after the tornado, by a National Weather Service meteorologist.

This tornado, rated F2, began 5 miles east of Criner, or 7 miles west-southwest of downtown Purcell, in southern McClain County. The beginning time of this tornado is not entirely certain but is believed to be near or just after 16:00 CST. This tornado tracked just south of due east for 6 miles, ending about 4 miles northwest of Wayne or 4 miles south of downtown Purcell at around 16:24 CST. At its widest, the damage path was estimated to be 3/4 mile wide. Numerous power lines were downed, prompting the temporary closing of both Highways 24 and 74 for a time during the evening. At least 18 dwellings, including mobile homes and permanent dwellings, were destroyed or suffered major damage. This probably was a multiple-vortex tornado, at least in its latter stages, based on eyewitness reports. No one was killed or seriously injured by this tornado, but two minor injuries were reported.

Damage began along a concentrated path from along Highway 24 around 3 miles south and 1 mile east of Woody Chapel (which is located at the intersection of Highways 39 and 24 about 3 miles south of Washington). Details are described below, highlighting six areas along the damage track.

Along Hwy 24, 5 miles east of Criner, sheet metal was scattered over about a 1/4 to 1/2 mile path, apparently the remnants of a destroyed outbuilding. Several large trees were toppled or heavily damaged in this area. Damage was F1. Tree damage also was noted over a larger area 1 mile west of this location (or 3 miles south of Woody Chapel on Highway 24), along with a few pieces of sheet metal debris. Since damage in this area was more minor (small to medium size branches broken) and not concentrated, straight-line winds were considered the likely source.

Also along Hwy 24, from Hwy 112 southward for about a mile, power lines were downed along a 1/4 to 1/2 mile stretch of the road. Considerable debris was found from fallen trees, metal outbuildings, etc. Damage was F1.

About 1 mile east of Hwy 24 and 1 mile south of Hwy 112, a home was unroofed. Widespread but mostly minor tree damage was noted, with trees uprooted and/or branches snapped off. Aside from the home with the damaged roof, there were few if any other manmade structures in the area. Damage probably was F1, but an exact determination could not be made since the roof was being repaired at the time of the survey.

On Emu Road, 1/2 to 1 mile south of Hwy 112 and 2 miles east of Hwy 24, one permanent home was destroyed. Numerous large trees were downed - some snapped off, and others uprooted. Several of the uprooted trees fell toward the northwest, others to the southwest. Damage was considered F2.

At Highway 74 and Horse Road, (3.5 to 4.5 miles east of Hwy 24 and 1 mile south of Hwy 112), the worst damage and widest damage path (about 3/4 mile wide) were in this area. Power lines were downed along Hwy 74 for nearly a mile. Numerous large

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
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OKLAHOMA, Western, Central and Southeast

trees were snapped off or uprooted. In one area between the two roads, nearly every tree suffered some kind of significant damage. Two mobile homes were destroyed along Horse Road. One was blown east and landed across the street near a church. The other rolled three times and landed 50 to 100 feet northeast of its original location. Two women, a mother and daughter, were inside the second mobile home and were lucky to escape with only minor injuries. Metal outbuildings, satellite dishes, fences, and at least one pickup truck were destroyed - mostly by impacts from other blown objects. However, the church, which was brick, sustained only minor structural damage to the exterior, as the roof was intact and only a few shingles were missing. (Broken windows in the church led to more substantial damage on the interior as rain and wind entered the building.) Damage in this area was considered F2, but the fact that the church escaped with such minor damage to its exterior suggests either a lower rating or the possibility of a multiple-vortex tornado. At least one eyewitness indicated a second tornado. Although the entire damage track appeared consistent and more-or-less continuous, suggesting only one tornado, the eyewitness account and the observed gradients in damage intensity suggest that this probably was a multiple-vortex tornado, at least in its latter stages.

From 1/4 to 1/2 mile east of Horse Road, a large home suffered major damage, with most of the second floor destroyed. Downed trees were widespread. Damage was rated F2. Another home immediately east of this location lost part of its roof. But farther east, near Interstate 35, several homes were undamaged and no significant damage could be found - except for a lone uprooted tree immediately west of the interstate.

Caddo County

Apache

25	1605CST				0	0			Hail (1.00)
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McClain County

Purcell

25	1623CST				0	0			Hail (1.00)
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Caddo County

4 SW Cyril

25	1627CST	0.1	25		0	0			Tornado (F0)
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A tornado was reported by spotters southwest of Cyril near the Caddo/Comanche County line. (This is the same tornado as 1 N Fletcher in Comanche County.) No reported damage.

Comanche County

1 N Fletcher

25	1627CST	0.1	25		0	0			Tornado (F0)
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A tornado was reported by spotters just north of Fletcher near the Caddo/Comanche County line. (This is the same tornado as 4 SW Cyril in Caddo County.) No reported damage.

Cleveland County

Lexington

25	1630CST				0	0			Hail (1.00)
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McClain County

2 NNE Wayne

25	1632CST	0.2	20		0	0	1K		Tornado (F0)
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This description was taken almost entirely from a damage survey conducted by a National Weather Service meteorologist. An outbuilding was damaged on a farm along a section of road 2 miles north and 1 mile east of Wayne, about 1 mile south of the south bank of the Canadian River. Sheet metal was dispersed across the area, and a few trees were damaged. Otherwise this tornado remained in open country. Initial development, based on video, was around 16:32 CST with a duration of less than 2 minutes before it quickly dissipated. Maximum path width was 20 yards or less, path length was 1/4 mile or less, and damage was rated F0.

McClain County

5 SW Purcell

25	1640CST				0	0	7K		Thunderstorm Wind
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Severe thunderstorm winds blew a roof off a barn, uprooted trees, blew siding off a house, and destroyed small metal storage buildings.

Grady County

Rush Spgs

25	1645CST				0	0			Hail (1.00)
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Stephens County

Empire City

25	1655CST				0	0			Hail (1.00)
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Stephens County

Duncan

25	1720CST				0	0			Hail (1.00)
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Stephens County

3 S Duncan

25	1725CST				0	0	10K		Lightning
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Lightning struck and set fire to a mobile home

Garvin County

7 S Maysville

25	1728CST	0.1	25		0	0			Tornado (F0)
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Brief tornado touchdown reported near Antioch (7 miles south of Maysville) by spotters. No reported damage.

Garvin County

Wynnewood

25	1730CST				0	0	0.10K		Thunderstorm Wind
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Severe thunderstorm winds uprooted 2 large trees.

Stephens County

3 S Duncan

25	1736CST	0.5	50		0	0	50K		Tornado (F1)
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1744CST

A tornado was observed about 3 miles south of Duncan and 1 mile east of Highway 81 by storm spotters. At this location (on "Old

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
"Old Highway 81"), a travel trailer was destroyed, a roof was blown off a large workshop, a brick home was damaged by a falling tree, and a van was damaged. Nearby trees were uprooted, power lines were downed, and a mobile home was destroyed. A puppy that had been inside the damaged mobile home was found 1/4 mile north of the house in someone else's yard. In the same area, 8 empty grain train cars were blown over off a side track.									
Garvin County 6 E Wynnewood	25	1805CST			0	0			Hail (1.00)
Garvin County 2.5 W Wynnewood	25	1805CST			0	0			Hail (1.75)
Murray County 1 E Joy	25	1807CST	0.1	25	0	0			Tornado (F0)
A brief tornado was observed east of Joy. No reported damage.									
Garvin County 7 S Stratford	25	1813CST	0.1	25	0	0			Tornado (F0)
A brief tornado was reported by an Oklahoma Highway Patrol officer. No reported damage.									
Garvin County 7 S Stratford	25	1815CST			0	0			Hail (3.00)
Pontotoc County Roff	25	1830CST			0	0			Hail (1.00)
Pontotoc County Roff	25	1834CST			0	0			Hail (1.00)
Pontotoc County 5 S Roff	25	1837CST			0	0			Hail (1.75)
Carter County Lone Grove	25	1847CST			0	0			Hail (1.00)
Johnston County 3 NW Connerville	25	1850CST			0	0			Funnel Cloud
Pontotoc County 8 SW Fittstown	25	1853CST			0	0			Hail (1.75)
Pontotoc County 8 SW Fittstown	25	1853CST			0	0			Thunderstorm Wind (G70)
Estimated 70 to 80 mph winds									
Pontotoc County 6 SW Fittstown	25	1855CST			0	0	6K		Thunderstorm Wind (G70)
Severe thunderstorm winds estimated at 80 mph blew a roof off a barn and downed trees.									
Pontotoc County 8 E Roff	25	1858CST	0.5	30	0	0	3K		Tornado (F0)
A tornado unroofed a barn and downed a swath of trees.									
Johnston County 1 E Connerville	25	1905CST			0	0			Funnel Cloud
Johnston County 2.5 NE Mill Creek	25	1920CST	0.1	25	0	0			Tornado (F0)
Reported by spotter. No reported damage.									
Marshall County 8 WNW Madill	25	1943CST	0.1	25	0	0			Tornado (F0)
Reported by spotter. No reported damage.									
Coal County 2 N Tupelo	25	1948CST	0.1	25	0	0			Tornado (F0)
Reported by emergency manager. No reported damage.									
Atoka County Atoka	25	2020CST			0	0			Hail (1.00)
Atoka County 4 E Atoka	25	2020CST			0	0			Hail (0.75)
Kay County 3 E Newkirk	25	2105CST			0	0			Hail (1.75)
Kay County 3 NW Newkirk	25	2110CST	0.1	50	0	0	0.10K		Tornado (F0)
A tornado downed a swath of trees northwest of Newkirk.									
Kay County 5 W Hardy	25	2115CST			0	0	0.10K		Thunderstorm Wind
Severe thunderstorm winds downed trees.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OKLAHOMA, Western, Central and Southeast									
Bryan County 3 SW Silo	25	2145CST			0	0			Thunderstorm Wind (G52)
Pushmataha County 1 W Antlers	25	2200CST			0	0	0.50K		Thunderstorm Wind Severe thunderstorm winds downed power lines and trees.
Pushmataha County Darwin	25	2239CST			0	0			Hail (2.75)

Summary of events of the afternoon and evening of May 25, 1997:

Severe thunderstorms developed during the afternoon in central Oklahoma and spread into southern Oklahoma during the late afternoon and evening. In all, thirteen tornadoes were confirmed, including an F2 tornado that tracked for 6 miles through McClain County southwest of Purcell. Some minor injuries were reported with one of the tornadoes, but no fatalities or serious injuries occurred. Reports of 3-inch hail, severe straight-line winds, and lightning damage were also received.

One particularly strong supercell storm tracked across central Oklahoma, reaching its maximum strength and producing 3 tornadoes and extensive straight-line wind damage over Grady and McClain Counties. What follows here is an excerpt from a damage survey conducted by a National Weather Service meteorologist on May 26th, the day after the storm.

"A large severe thunderstorm moved through northern and central Grady County into central and southern McClain County during the late afternoon on Sunday, 25 May 1997. Several reports were received immediately after the storm indicating significant wind damage, especially in southern McClain County southwest of Purcell. There also were numerous confirmed tornado sightings by storm spotters, chasers, local emergency management officials, and local residents.

Findings indicate that 3 tornadoes occurred in this area. Most of the damage, and all of the significant structural damage, resulted from the first two tornadoes. Widespread tree damage in some areas, especially in McClain County, was attributed to straight-line winds.

The first tornado, rated F1, began 3 miles northeast of Tabler at 15:14 CST and tracked just south of due east for about 2.5 miles before dissipating 2.5 miles SSW of Middleberg at 15:24 CST. Structural damage was confined to a dairy farm near the beginning of the track; otherwise, this tornado remained over mostly open country.

The second and more significant tornado, rated F2, began 5 miles east of Criner, or 7 miles WSW of downtown Purcell, in southern McClain County. The beginning time of this tornado is less certain but is believed to be near or just after 16:00 CST. This tornado also tracked just south of due east for 6 miles, ending about 4 miles NW of Wayne or 4 miles S of downtown Purcell at around 16:24 CST. Numerous power lines were downed, prompting the temporary closing of both Highways 24 and 74 for a time Sunday evening. At least 18 dwellings, including mobile homes and permanent dwellings, were destroyed or suffered major damage. This probably was a multiple-vortex tornado, at least in its latter stages, based on eyewitness reports.

A third small tornado, rated F0, formed around 16:32 CST and lasted about one or two minutes. It damaged an outbuilding and a few trees 2 miles NNE of Wayne in Southern McClain County, about 4 miles east of where the second tornado ended.

No one was killed or seriously injured by any of the tornadoes, but several minor injuries were reported. "

The remaining 10 tornadoes were associated with other severe thunderstorms, mainly across central and southern Oklahoma. The strongest of these occurred south of Duncan in Stephens County at 17:36 CST. Spotter and damage reports rated this as an F1 tornado. The remaining 9 tornadoes were all rated F0 and resulted in little or no damage. In chronological order, these tornadoes occurred on the Caddo Comanche County line between Cyril and Fletcher (16:27CST), south of Maysville in Garvin County (17:28 CST), east of Joy in Murray County (18:07 CST), south of Stratford in Garvin County (18:13 CST), east of Roff in Pontotoc County (18:53 CST), northeast of Mill Creek in Johnston County (19:20 CST), west-northwest of Madill in Marshall County, (19:43 CST), north of Tupelo in Coal County (19:48 CST), and northwest of Newkirk in Kay County (21:10 CST).

Severe straight-line winds were estimated at up to 80 mph (southwest of Fittstown in Pontotoc County). Wind damage from thunderstorm winds occurred north of Tabler in Grady County, southwest of Purcell in McClain County, in Wynnewood in Garvin County, west of Hardy in Kay County, and west of Antlers in Pushmataha County.

Hail up to 3 inches in diameter fell south of Stratford in Garvin County, and lightning damage was reported south of Duncan in Stephens County.

See preceding individual Storm Data entries for further details and additional reports.

Seminole County
Cromwell

26	1725CST			0	0				Hail (0.75)
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Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
OKLAHOMA, Western, Central and Southeast									
Seminole County 1 N Cromwell	26	1745CST	0.1	50	0	0	15K		Tornado (F0) A tornado was seen 1 mile north of Highway 99A on Highway 56. The tornado blew the roof off of a detached garage, destroyed a storage shed and its contents, pulled sections of chain-link fence from the ground, and caused minor tree damage at a residence. A new pickup truck at the site also sustained major damage. On the house itself (a stone structure), only the screen door was damaged. Total damage was estimated at \$15,000.
Seminole County 1 SW Cromwell to 1 E Cromwell	26	1747CST 1748CST	1.5	50	0	0			Tornado (F0) Emergency management officials reported a tornado moving from southwest of Cromwell to about 1 mile east of Cromwell. No damage was reported along this path.
Hughes County 3 E Citra	26	1900CST			0	0			Hail (0.75)
Hughes County 2 SE Dustin	26	1900CST	0.1	25	0	0			Tornado (F0) Tornado touched down briefly. No damage was reported.
Hughes County 3.5 S Dustin	26	1900CST			0	0	25K		Thunderstorm Wind Severe thunderstorm winds destroyed a barn and feed silo and lifted a mobile home from its foundation, causing extensive damage. A dog pen was also lifted and blown onto a dog, killing the animal. A large tree was uprooted at this same location.
Pontotoc County 4 E Ada	26	1911CST			0	0			Hail (1.00)
Pontotoc County Stonewall	26	1911CST			0	0			Hail (0.75)
Pontotoc County 1 NE Allen	26	1929CST			0	0			Hail (1.75)
Johnston County Mannsville	26	1940CST			0	0			Hail (0.75)
Marshall County 4 N Madill	26	1945CST			0	0			Hail (1.75)
Marshall County 6 W Madill	26	2000CST			0	0			Hail (0.75)
Johnston County 1.5 SW Russett	26	2005CST	0.1	25	0	0			Tornado (F0) Tornado reported on the Johnston/Marshall County line at the intersection of highways 1 and 199 by local emergency management officials. (same as 6 NW Madill in Marshall County). No reported damage.
Marshall County 6 NW Madill	26	2005CST	0.1	25	0	0			Tornado (F0) Tornado reported on the Johnston/Marshall County line at the intersection of Highways 1 and 199 by local emergency management officials. (Same tornado as 1.5 SW Russett in Johnston County). No reported damage.
Marshall County 2 SW Madill	26	2019CST	0.1	25	0	0			Tornado (F0) Tornado with no reported damage.
Johnston County 1 S Russett	26	2020CST	0.1	25	0	0			Tornado (F0) Tornado with no reported damage.
Marshall County 2 W Little City	26	2041CST	0.1	25	0	0			Tornado (F0) Tornado reported by Oklahoma Highway Patrol. No reported damage.
Marshall County 1 S Madill	26	2124CST	0.1	25	0	0			Tornado (F0) Tornado reported by Oklahoma Highway Patrol. No reported damage.
Marshall County Madill	26	2139CST			0	0			Hail (1.75)
Marshall County 1 E Kingston	26	2142CST			0	0			Hail (1.00)
Bryan County 3 SW Silo	26	2145CST			0	0			Thunderstorm Wind (G52)
Pushmataha County 4 S Clayton	26	2145CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western, Central and Southeast

Pushmataha County Cloudy	26	2300CST			0	0	0.10K		Thunderstorm Wind
Severe thunderstorm winds downed trees.									
Pushmataha County 3 E Cloudy	26	2305CST			0	0			Hail (0.75)
Pushmataha County 3 E Cloudy	26	2305CST			0	0	0.01K		Thunderstorm Wind
Five-inch limbs were blown off trees by severe thunderstorm winds.									
Pushmataha County 3 NE Rattan	26	2330CST			0	0			Funnel Cloud
Choctaw County 1 E Ord	27	0030CST			0	0			Hail (1.00)

Summary of events of May 26, 1997:

Severe thunderstorms moved through parts of central and southeastern Oklahoma during the evening of Memorial Day, May 26th, and lasted into the early morning hours of the 27th. In all, eight tornadoes, hail as large as golf balls, and damaging severe thunderstorm winds were reported. No injuries or fatalities occurred as a result of the storms.

The only damage reported with any of the tornadoes occurred with the first tornado 1 mile north of Cromwell in Seminole County. At this location, damage was mainly limited to outbuildings and trees and the tornado was rated F0. Since the remaining seven tornadoes resulted in no known damage, they were also rated F0. These tornadoes occurred in Seminole County southwest of Cromwell (17:47 CST), in Hughes County southeast of Dustin (19:00 CST), on the Johnston/Marshall County line between Russett and Madill (20:05 CST), and in Marshall County southwest of Madill (20:19 CST), south of Russett (20:20 CST), west of Little City (20:41 CST), and south of Madill (21:24 CST).

In addition to the tornadoes, hail up to 1.75 inches in diameter fell in Pontotoc County northeast of Allen and in Marshall County in and north of Madill.

Severe thunderstorm winds damaged trees east of Cloudy and in Cloudy in Pushmataha County. Significant structural damage was also attributed to thunderstorm winds south of Dustin in Hughes County.

See preceding individual Storm Data entries for further details and additional reports.

Woods County 5 NW Lookout	29	1755CST			0	0			Thunderstorm Wind (G52)
on Hwy 34 at the Oklahoma/Kansas border									
Harper County 2 N Laverne	29	1814CST			0	0			Hail (0.75)
Harper County 6 E Laverne	29	1830CST			0	0			Hail (1.00)
Ellis County 17 N Gage	29	1850CST			0	0			Hail (0.75)
Ellis County Fargo	29	1915CST			0	0			Hail (2.00)
Woodward County 7 S Tangier	29	1925CST			0	0			Hail (1.75)
Woodward County 10 W Sharon	29	1933CST			0	0			Hail (2.50)
Woodward County 9 SW Sharon	29	1955CST	0.1	10	0	0			Tornado (F0)
Brief tornado touchdown. No reported damage.									
Ellis County 6 E Harmon	29	2000CST			0	0			Hail (1.75)
Dewey County 5 NW Leedey	29	2045CST			0	0			Funnel Cloud
Ellis County 1 SE Harmon	29	2050CST			0	0			Hail (0.75)
Roger Mills County 2 E Angora	29	2100CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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OKLAHOMA, Western, Central and Southeast

Roger Mills County

2 E Angora	29	2100CST			0	0	0.01K		Thunderstorm Wind
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Two-inch limbs were blown off trees.

Custer County

2 W Thomas	29	2107CST			0	0			Thunderstorm Wind (G52)
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Severe thunderstorm wind gusts were estimated by a spotter to be 60 mph.

Tillman County

6 NE Frederick	30	0055CST			0	0			Hail (1.00)
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Hail as large as quarters covered the ground northeast of Frederick.

Tillman County

1 S Hollister	30	0130CST			0	0			Hail (1.00)
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Summary of events of May 29, 1997 to early morning of May 30, 1997:

Severe thunderstorms moved through western Oklahoma during the evening of the 29th, producing large hail, damaging thunderstorm winds, and one tornado.

The tornado was observed southwest of Sharon in Woodward County. No damage was reported and the tornado was rated F0. Elsewhere in Woodward County, hail as large as tennis balls fell west of Sharon.

Severe thunderstorm winds were estimated at speeds of 60 mph northwest of Lookout in Woods County and west of Thomas in Custer County. Tree damage was attributed to thunderstorm winds east of Angora in Roger Mills County.

See preceding individual Storm Data entries for further details and additional reports.

OREGON, Central and East

Crook County

Powell Butte	12	1000PST 1400PST			0	0			Flash Flood
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A thunderstorm sent a 2-foot wall of water through several homes and fields soaking carpet and scattering silt over several hundred acres. The water also took out fences and caused damage to a road.

Deschutes County

Alfalfa	12	1030PST 1400PST			0	0			Flash Flood
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A thunderstorm sent a 2-foot wall of water through several homes and fields soaking carpet and scattering silt over several hundred acres. The water also took out fences and caused damage to a road.

Umatilla County

Pilot Rock	29	1200PST 1400PST			0	0			Flash Flood
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A flash flood sent water into Pilot Rock High School and Junior High School, covered parts of highway 395, flooded a few basements, and filled a house and yard with mud lifting it off its foundation.

Morrow County

Ione	31	0130PST 0200PST			0	0			Hail (1.75)
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A farmer reported severe damage to wheat crop. Hail dented three vehicles.

ORZ019

Northeast Oregon

	31	1340PST 1630PST			0	3			Dust Storm
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Blowing dust caused a three-car accident on highway 82 between Island City and Imbler.

Umatilla County

Pendleton	31	1515PST			0	0			Lightning
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A power pole caught fire and caused power and cable TV outages in southeast Pendleton.

Wheeler County

Spray	14	1730PST			1	0			Lightning
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A man and the horse he was riding were killed when they were struck by lightning on May Ridge. M59OU

OREGON, Northwest

Marion County

1 E Keizer to 2.5 E Keizer	31	1010PST 1012PST	1.5	50	0	0	15K		Tornado (F0)
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A tornado touched down near Chemawa Road and Highway 99 near Keizer at 1010 AM. Several people reported seeing the tornado on the ground for about 2 minutes. Three 30-40 foot tall trees were uprooted and a barn was damaged.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
PENNSYLVANIA, Central									
Tioga County Wellsboro	03	1545EST			0	0			Thunderstorm Wind (G51)
									Thunderstorm winds took down trees in Wellsboro.
Centre County Millheim	03	1600EST			0	0			Thunderstorm Wind (G51)
									Winds gusted to 80 mph and trees were down in Millheim and Ingleby.
Clinton County Lock Haven	03	1615EST			0	0			Thunderstorm Wind (G51)
									A large tree was blown over and other trees were damaged in Lock Haven. A sign was also blown over.
Schuylkill County West Penn	03	1645EST			0	0			Thunderstorm Wind (G51)
									A barn was blown over in West Penn Township at 214 Winter Mountain Drive about 5 miles south of Tamaqua.
Cambria County Westmont	05	0259EST			0	0			Thunderstorm Wind (G51)
Lycoming County Duboisstown	06	0840EST			0	0			Thunderstorm Wind (G51)
									Winds damaged several homes and uprooted trees in Duboisstown south of Williamsport. A business was damaged and four windows were blown out of a school.
Lycoming County Hughesville	06	0848EST			0	0			Thunderstorm Wind (G51)
									Winds gusted to 60 mph east of Hughesville and trees were blown over in the Hughesville area.
Sullivan County Muncy Vly	06	0850EST			0	0			Thunderstorm Wind (G51)
									Winds blew a chimney of a house over in Muncy Valley.
Columbia County Millville	06	0905EST			0	0			Thunderstorm Wind (G51)
									Trees were blown across a road near Millville and marble size hail was reported.
Perry County Millerstown	06	0909EST			0	0			Thunderstorm Wind (G51)
									Part of a roof was blown off a supermarket in Millerstown.
Northumberland County Sunbury	06	0915EST			0	0			Thunderstorm Wind (G51)
									Powerlines were blown down onto a mobile home just south of Sunbury.
Schuylkill County St Clair	06	0950EST			0	0			Thunderstorm Wind (G51)
									A tree was blown over and powerlines were down in the St. Clair area.
Lancaster County Lancaster	06	1045EST			0	0			Thunderstorm Wind (G51)
									A utility pole and several trees were blown down in the Lancaster area.
Warren County Wrightsville	19	1600EST			0	0			Thunderstorm Wind (G51)
									Trees down.
Cameron County Sinnamahoning	19	1732EST			0	0			Thunderstorm Wind (G51)
									Trees down on a mobile home.
Clinton County Renovo	19	1745EST 1750EST	5	50	0	0			Tornado (F1)
									2W. Renovo to 3E. Renovo

An F1 tornado (73-112 mph) moved through the town of Renovo between 6:45 p.m. and 6:50 p.m. EDT on the evening of Monday, May 19, 1997. Hundreds of trees were downed; the roofs of a hotel, a supermarket, a home and several other structures were damaged. A tin roof was peeled off a railroad car maintenance building now being used as an industrial development center. Eyewitnesses reported seeing the funnel cloud and people talked of seeing rotation in the debris.

Sporadic damage associated with the storm extended along a path of nearly 15 miles beginning around Bitumen west of Renovo, continued through Renovo east to Farwell. width of the damage was up to 1/4 mile in spots, but the tornado damage was probably confined to only a small portion of the path. Damage was confined to the lower elevations of the river valley from the north facing slopes of the mountains into the valley floor.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>PENNSYLVANIA, Central</u>									
Clearfield County									
Leontes Mills	19	1750EST			0	0			Thunderstorm Wind (G51)
Cambria County									
Nicktown	19	1819EST			0	0			Thunderstorm Wind (G51)
			Trees were blown down in Nicktown.						
Cambria County									
Cresson	19	1828EST			0	0			Thunderstorm Wind (G51)
			Trees were blown down in Cresson.						
Centre County									
State College	19	1830EST			0	0			Thunderstorm Wind (G61)
			Winds gusted to 70 mph at the weather station at Penn State University.						
Blair County									
Holidaysburg	19	1831EST			0	0			Thunderstorm Wind (G51)
			Trees down.						
Lycoming County									
Williamsport	19	1835EST			0	0			Thunderstorm Wind (G51)
			There were many reports of downed trees in the Williamsport area. Winds gusted to 67 mph at the Lycoming County Airport.						
Huntingdon County									
Huntingdon	19	1850EST			0	0			Thunderstorm Wind (G51)
			Thunderstorms downed trees.						
Northumberland County									
Milton	19	1853EST			0	0			Thunderstorm Wind (G51)
			High winds took down a tree on a car.						
Snyder County									
Shamokin Dam	19	1900EST			0	0			Thunderstorm Wind (G51)
			A roof was blown off a barn.						
Montour County									
Danville	19	1910EST			0	0			Thunderstorm Wind (G51)
			Winds as high as 70 mph took down trees in Danville and in other parts of the county.						
Union County									
Mifflinburg	19	1910EST			0	0			Thunderstorm Wind (G51)
			Winds took down trees in Mifflinburg and Mazeppa.						
Columbia County									
Bloomsburg	19	1915EST			0	0			Thunderstorm Wind (G51)
			Winds took down trees in Bloomsburg and Berwick.						
Sullivan County									
Forksville	19	1915EST			0	0			Thunderstorm Wind (G51)
			Winds took down trees in Worlds End State Park east of Forksville.						
Mifflin County									
Mc Veytown	19	1916EST			0	0			Thunderstorm Wind (G51)
			Limbs and powerlines were blown down.						
Schuylkill County									
Ashland	19	1939EST			0	0			Thunderstorm Wind (G51)
			Winds took down trees and powerlines.						
Juniata County									
Mc Alisterville	19	1940EST			0	0			Thunderstorm Wind (G51)
			Trees were blown down.						
Lebanon County									
Jonestown	19	2030EST			0	0			Thunderstorm Wind (G51)
			Winds took down trees.						
Bedford County									
Bakers Summit	25	1600EST 2100EST			0	0			Flash Flood
Blair County									
Roaring Spg	25	1600EST 2100EST			0	0			Flash Flood
			2 to 4 inches of rain fell across the four county area flooding small streams and poor drainage areas.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>PENNSYLVANIA, Central</u>									
Cambria County									
Johnstown	25	1600EST 2100EST			0	0			Flash Flood
Somerset County									
Windber	25	1600EST 2100EST			0	0			Flash Flood
<u>PENNSYLVANIA, East</u>									
Berks County									
Southern	01	1610EST 1620EST			0	0	0		Thunderstorm Wind
Severe thunderstorms pulled down several trees and wires across the southern part of Berks County.									
Monroe County									
Central Portion	01	1620EST 1650EST			0	0	0		Tstm Wind/Hail
A severe thunderstorm dropped large hail and caused some damaging winds in Central Monroe County. Trees were uprooted in Pocono and Price Townships. The trees also took down power lines within Price Township. Nickel size hail fell in Scotrun and penny size hail fell in Snyder'sville.									
Bucks County									
1 N Quakertown	01	1635EST			0	0			Hail (1.00)
Chester County									
Cedarville	01	1635EST			0	0			Hail (0.75)
Montgomery County									
Northern	01	1650EST			0	0	0		Thunderstorm Wind
A severe thunderstorm pulled down several trees and power lines throughout the northern part of Montgomery County.									
Delaware County									
Aston Mills	01	1705EST			0	0			Hail (0.75)
Delaware County									
Swarthmore	01	1710EST 1715EST			0	0			Hail (1.00)
Delaware County									
Darby	01	1715EST			0	0			Thunderstorm Wind (G52)
A severe thunderstorm produced large hail and damaging winds across the eastern half of Delaware County. Quarter size hail fell in Swarthmore. Penny to nickel size hail fell in Aston and Wallingford. In addition, wind gusts estimated as strong as 60 mph pulled down power lines and trees. About 15,000 homes and businesses lost power in Delaware County. This represented over half of the outages that occurred from this event in the Philadelphia Electric Company (PECO) southeastern Pennsylvania service area.									
Philadelphia County									
Philadelphia	01	1720EST			0	0			Hail (0.75)
Dime size hail fell at the Art Museum in Fairmount Park.									
Montgomery County									
Hatfield	01	1725EST			0	0			Hail (1.75)
Montgomery County									
3 SW Hatfield	01	1728EST			0	0	0		Thunderstorm Wind
A severe thunderstorm tore about half of the roof from a barn in Towamencin Township. The same storm dropped golf ball size hail in Hatfield Township and uprooted one very large tree within the township.									
Philadelphia County									
	01	1730EST			0	0			Hail (1.00)
Philadelphia County									
	01	1730EST			0	0			Thunderstorm Wind (G55)
Philadelphia County									
	01	1732EST			0	0			Thunderstorm Wind (G52)
Including the city of Philadelphia, about 27,000 Philadelphia Electric Company (PECO) homes and businesses lost power because of the severe thunderstorms.									
Bucks County									
Penndel to Bristol	01	1733EST 1745EST			0	0	0		Thunderstorm Wind
Bucks County									
Bristol	01	1745EST			0	0	0		Hail (0.75)
A severe thunderstorm caused wind damage and large hail across extreme southern Bucks County. Numerous trees and power lines were reported down. About one-third of the 25,000 power outages within the Philadelphia Electric Company's service area									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>PENNSYLVANIA, East</u>									
occurred in lower Bucks County. Penny size hail was reported in Bristol.									
Carbon County Jim Thorpe	06	1025EST			0	0			Hail (0.75)
Carbon County Jim Thorpe	06	1025EST			0	0	0		Thunderstorm Wind
Damaging winds from a severe thunderstorm knocked down a few trees and wires in the Jim Thorpe area. The thunderstorm also produced dime size hail.									
Berks County Reading	06	1045EST			0	1	0		Thunderstorm Wind
Damaging thunderstorm winds pulled down several wires within Reading. A 60-year-old man was treated for minor burns when one of the wires fell on him. In nearby Spring Township, the same severe thunderstorm uprooted a few trees.									
Northampton County 1 W Wilson	06	1115EST 1130EST			0	0	20K	0	Lightning
Lightning struck a tree near a Palmer Township house and went indoors. The lightning struck the tree and followed its root into the house. It started a small fire in the basement and fried all the wiring within the house. The force of the lightning was strong enough to blow a dresser down, force tiles off a floor, pop nails and knock over pictures from a wall in the basement. No one was injured and the fire extinguished itself within the basement.									
Lehigh County 1 N Macungie	06	1130EST			0	0			Thunderstorm Wind (G50)
A severe thunderstorm uprooted about 50 trees and one power pole on a farm in Lower Macungie Township. The farm's garage roof was damaged by some of the fallen trees.									
Bucks County Perkasie	06	1140EST			0	0	0		Thunderstorm Wind
Bucks County Doylestown	06	1148EST			0	0	0		Thunderstorm Wind
A severe thunderstorm pulled down power lines in both Perkasie and Doylestown.									
Bucks County Plumsteadville	06	1145EST			0	0	0		Lightning
Lightning struck three Patriot's Ridge townhouses in Plumstead Township. The lightning blew off a section of a roof and burned holes in the rain gutters. The lightning apparently hit the peak of the frame homes and travel along their gutters.									
Delaware County Chester	06	1155EST			0	0	200K	0	Thunderstorm Wind (G60)
A severe thunderstorm with wind gusts estimated as strong as 70 mph caused damage in and around Chester City. Debris blown onto the railroad tracks severely caused a major disruption of Amtrak service along its Northeast Corridor. The first wind damage occurred in Upper Chichester Township when the roof and shingles of an auto repair shop were lifted off. The debris was rammed into several cars and several hoods and fenders were strewn. A house across the street from the repair shop suffered damage also to its deck, shingles and fencing. Within Chester City the thunderstorm knocked over a tree that crushed the front deck of a house, the roof was peeled from another house and shingles and sidings came off a third house. On Keystone Road, 8 roofs and 2 by 10 rafters were torn and scattered from Pastuszek Garages with damage estimated at \$35,000.									
The worst damage occurred at a building supply company near the railroad tracks. The thunderstorm ripped the roof from two buildings. The tar roof of its large warehouse was twisted into a heap in its front parking lot. The wind tore the second 50 foot by 75 foot roof from an empty lumber shed and sent it into the power lines and landed intact on SEPTA's Marcus Hook regional rail line that are also used by Amtrak along its Northeast Corridor. Amtrak service between Philadelphia and Wilmington was suspended and stranded thousands of passengers. Service was restored to two tracks by 730 p.m. EDT and all tracks were back in service by 930 p.m. EDT and in time for the next morning's rush hour. Damage to the building supply company was estimated at \$100,000.									
Bucks County Bristol	06	1155EST			0	0			Thunderstorm Wind (G52)
A SKYWARN spotter recorded a wind gust of 60 mph in Bristol.									
Monroe County 5 NW Stroudsburg PAZ070	09	1920EST			0	0			Hail (0.75)
Delaware	16	2000EST			0	1	0	0	Wind
A 10-year-old Wallingford girl was critically injured at about 5 p.m. EDT when a maple tree branch fell on her while she was riding a bike on Highland Avenue. The peak wind gust between 4 and 5 p.m. EDT at Philadelphia International Airport was 32 mph. The peak gust for the day was 43 mph. Strong gusty northwest winds were blowing all day around an intensifying low pressure in the Gulf of Maine.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, Northeast

Bradford County

Athens

06	0840EST 0900EST				0	0	20K		Lightning
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A slow moving thunderstorm with vivid cloud to ground lightning had numerous ground strikes between 930 am EDT and 10 am in north central Bradford county. In Athens township, three separate house fires resulted from the lightning strikes with roof damage incurred in all three homes.

Bradford County

Silvara

06	0930EST				0	0	40K		Thunderstorm Wind
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A line of severe thunderstorms rapidly developed over northern Pennsylvania with the northern end of the line moving across Bradford county. Strong winds associated with these storms seriously damaged a barn in Silvara township around 1030 am EDT.

Wyoming County

Tunkhannock

06	0930EST				0	0	10K		Thunderstorm Wind
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A different part of the squall line that was also responsible for wind damage in Bradford county caused isolated damage in central Wyoming county. Trees and power lines were downed in Tunkhannock around 1030 am EDT.

Luzerne County

**East Berwick to
Forty Ft**

06	0940EST 0950EST				0	0	30K		Thunderstorm Wind
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A line of severe thunderstorms responsible for producing wind damage in Bradford and Wyoming counties ripped through the northern half of Luzerne county between 1030 and 1100 am EDT. Numerous large trees and wires were downed in East Berwick and Salem townships around 1040 am. In Forty Fort, a large tree was uprooted and fell on an occupied vehicle. No injuries were reported, but the car was heavily damaged.

Pike County

Milford

06	1120EST				0	0	10K		Thunderstorm Wind
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Thunderstorms intensified to severe levels over Pike county just after 12 noon EDT. Numerous large trees and power lines were blown down in Milford around 1220 pm.

Luzerne County

**8 W Dallas to
Pittston**

19	1920EST 1955EST				0	0	150K		Thunderstorm Wind
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A bow echo type severe thunderstorm raced across northern sections of the county between 800 pm EDT and 900 pm. Widespread wind damage resulted, especially in the Wyoming Valley.

West of Dallas township, numerous trees were uprooted and toppled around 820 pm. Four homes sustained damage from falling trees and several trailers were also blown over. At 825 pm, a large steeple was blown off the top of a church in Union township, north of Shickshinny. From 830 to 835 pm, trees and wires were felled in Plymouth, causing damage to 2 homes and a garage. A roof was also torn off a house. At 835 pm, a tree was blown onto a roof top in Larksville. At 845 pm, an 8x8 foot storage shed was picked up and blown down the side of a hill in Wilkes-Barre. Around 850 pm, numerous large trees and power lines were blown down in Duryea and Plains township. More than a dozen homes were damaged in these two localities and a grocery store also had their windows blown in. At 855 pm, the exterior wall of a trucking garage was damaged by the wind in Pittston township.

Lackawanna County

**4 E Dalton to
3 N Montdale**

19	1945EST 2015EST				0	0	80K		Thunderstorm Wind
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The same line of severe storms that produced widespread damage in Luzerne county moved through Lackawanna county between 845 pm EDT and 930 pm, producing additional wind damage.

At 845 pm, numerous trees and power lines were downed just east of Dalton. At 855 pm, more trees and power lines were toppled in Taylor. From 900 to 905 pm, the storm moved through downtown Scranton, downing trees and power lines throughout the city. The most concentrated area of damage was on Adams street where large trees were blocking the road. At 905 pm, more trees and power lines came down in Throop. At 915 pm, three homes sustained damage from falling trees in Scott township, just north of Montdale. One of the houses also had their chimney blown off.

Wayne County

**Lake Ariel to
Hawley**

19	2010EST 2025EST				0	0	50K		Thunderstorm Wind
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Severe thunderstorms that inflicted considerable wind damage on the Wilkes-Barre/Scranton vicinity moved through Wayne county between 910 pm EDT and 945 pm.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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PENNSYLVANIA, Northeast

At 910 pm, numerous large trees and wires were blown down in Lake Ariel. Routes 196 and 296 were both blocked from fallen trees and live wires. At about 925 pm, more large trees and utility poles came down in Hawley. A few homes sustained minor damage.

Pike County

**3 SE Greentown to
Shohola**

19	2030EST 2050EST				0	0	40K		Thunderstorm Wind
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The line of severe thunderstorms continued to march eastward towards the Delaware river. It caused more wind damage as it crossed Pike county.

At about 930 pm EDT, strong winds downed more large trees in Green township, with several blocking roadways. From 940 to 945 pm, many trees and power lines were downed from Dingham township to Milford. Roadways were temporarily closed in Dingham while crews cleared debris. At 950 pm in Shohola, more trees and wires came crashing down.

PENNSYLVANIA, Northwest

PAZ003

Crawford

01	0854EST				0	0	2K		High Wind
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High winds downed trees and limbs.

Erie County

**Erie to
Presque Isle**

01	1855EST				0	0	20K		Storm Surge
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West winds of up to 30 to 40 knots and waves of 11 to 14 feet caused considerable flooding and beach erosion.

Erie County

Erie

06	0220EST				0	0	20K		Thunderstorm Wind (G55)
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A 63 mile per hour wind gust took off the steeple and cross of the Garden Heights Baptist Church.

Crawford County

Adamsville

18	2320EST				0	0			Hail (1.50)
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Crawford County

Conneautville

19	1355EST				0	0			Thunderstorm Wind (G52)
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Erie County

Erie

19	1525EST				0	0			Flash Flood
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Heavy thunderstorm rain caused flooding of streets, streams and low lying areas.

Crawford County

Conneautville

19	1530EST				0	0			Thunderstorm Wind (G61)
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PENNSYLVANIA, West

PAZ020

Beaver

01	1040EST 1140EST				0	1	10K		High Wind
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High winds toppled trees and downed power lines throughout Beaver County. A tree fell onto a car in Chippewa Township on Blackhawk Road. The driver suffered head and face injuries. Rescuers had to cut the car open to rescue her.

Mercer County

1 E Sharon

03	1227EST				0	0			Hail (0.75)
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One-half to three-quarter inch hail reported.

Mercer County

Fredonia

03	1245EST				0	0			Hail (0.75)
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One-half to three-quarter inch hail was reported in Fredonia.

Washington County

Washington

03	1315EST 1330EST				0	0	10K		Thunderstorm Wind
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Numerous trees and power lines were downed by thunderstorm winds throughout the county.

PAZ021

Allegheny

03	1317EST				0	0			High Wind (G51)
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A wind gust to 51 knots (59 mph) was recorded at the Pittsburgh International Airport.

Mercer County

Farrell

03	1318EST				0	0	20K		Thunderstorm Wind
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Severe thunderstorm winds downed about 13 trees in Farrell. Also, part of a roof was torn off of a house and two other houses sustained minor damage.

Westmoreland County

Latrobe

03	1415EST				0	0	4K		Thunderstorm Wind
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Trees and power lines were downed by thunderstorm winds in Latrobe.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
PENNSYLVANIA, West									
Beaver County									
Beaver	03	1420EST 1430EST			0	0	8K		Thunderstorm Wind
			Several trees were downed by thunderstorm winds throughout the county.						
Mercer County									
Wheatland	03	1425EST			0	0	3K		Thunderstorm Wind
			Power lines and trees were downed by thunderstorm winds in Wheatland.						
Lawrence County									
2 SE New Castle	03	1430EST			0	0	2K		Thunderstorm Wind
			Thunderstorm winds downed trees.						
Washington County									
Washington	03	1430EST 1440EST			0	0	5K		Thunderstorm Wind
			Thunderstorm winds downed trees and power lines throughout the county.						
Washington County									
2 NE Washington	03	1440EST			0	0			Hail (0.75)
Fayette County									
Brownsville	03	1440EST			0	0	3K		Thunderstorm Wind
			Trees and a few power lines were downed by thunderstorm winds.						
Butler County									
Butler	03	1445EST			0	0	8K		Thunderstorm Wind
			Trees and power lines were downed throughout the county.						
Mercer County									
Mercer	03	1450EST 1505EST			0	0	8K		Thunderstorm Wind
			Power lines and trees were downed by thunderstorm winds throughout the county.						
Allegheny County									
3 SE Wexford	03	1450EST			0	0	3K		Thunderstorm Wind
			Several trees were downed in North Park.						
Allegheny County									
2 SW Bridgeville	03	1455EST			0	0			Hail (0.75)
			A Skywarn Accrument Radio Operator reported three-quarter inch diameter hail.						
Fayette County									
Uniontown	03	1500EST			0	0	5K		Thunderstorm Wind
			Trees and power lines were downed throughout the county.						
Allegheny County									
Verona	03	1500EST			0	0	1K		Thunderstorm Wind
			A Skywarn Amtrak Radio Operator reported a few small trees downed.						
Mercer County									
Mercer	03	1506EST			0	0	8K		Thunderstorm Wind
			Trees and power lines were downed by thunderstorm winds throughout the county.						
Allegheny County									
Pittsburgh	03	1507EST			0	0	3K		Thunderstorm Wind
			Trees and power lines were reported downed within the city of Pittsburgh.						
Allegheny County									
Penn Hills	03	1512EST			0	0	1K		Thunderstorm Wind
			Large branches were downed near Mt. Carmel Cemetery						
Westmoreland County									
Latrobe	03	1515EST			0	0	8K		Thunderstorm Wind
			Trees and power lines were downed by thunderstorm winds throughout the county.						
Venango County									
Oil City	03	1515EST			0	0	4K		Thunderstorm Wind
			Trees and some power lines were downed in Oil City and across the northern part of the county.						
Armstrong County									
Kittanning	03	1515EST			0	0	10K		Thunderstorm Wind
			Several trees, power lines, and a couple of utility poles were downed by thunderstorm winds throughout the county.						
Venango County									
Pleasantville	03	1535EST			0	0	4K		Thunderstorm Wind
			A Skywarn severe weather spotter reported trees downed by thunderstorm winds.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
PENNSYLVANIA, West									
Venango County 3 WNW Pleasantville	03	1538EST			0	0	1K		Thunderstorm Wind
			A large tree was downed across a road.						
Armstrong County Kittanning	03	1555EST			0	0	2K		Thunderstorm Wind
			Trees were downed by thunderstorm winds.						
Westmoreland County Acme	14	2200EST			0	0	40K		Thunderstorm Wind (G78)
			A microburst, with wind speeds between 80 and 90 mph. Seven homes and a grocery store were damaged. A barn was destroyed and some of its debris was strewn several hundred yards. Some of the debris landed on the Pennsylvania Turnpike. A mobile home was moved several hundred feet. The damage was confined to a 1500 foot by 2000 foot area. Much of the damage to the homes were broken windows, roof damage, and porch canopies torn away. Numerous tree branches were downed and some trees were uprooted.						
Greene County Clarksville	18	1634EST			0	0	2K		Thunderstorm Wind
			Thunderstorm winds downed trees.						
Washington County South Strabane	18	1650EST			0	0	2K		Thunderstorm Wind
			Thunderstorm winds downed power lines.						
Washington County California	18	1650EST			0	0	2K		Thunderstorm Wind
			Trees were downed by thunderstorm winds across Route 88.						
Washington County 3 NE Washington	18	1650EST			0	0	2K		Thunderstorm Wind
			Trees were downed by thunderstorm winds across Davis School Road.						
Washington County Charleroi	18	1655EST			0	0	2K		Thunderstorm Wind
			Trees were downed by thunderstorm winds.						
Westmoreland County 2 NW Ligonier	18	1730EST			0	0	2K		Thunderstorm Wind
			Thunderstorm winds fell trees across Route 30 near Idlewild Park.						
Washington County 3 N Canonsburg	18	1935EST			0	0	1K		Thunderstorm Wind
			Large branches were downed by thunderstorm winds.						
Washington County Washington	18	1940EST			0	0	20K		Thunderstorm Wind
			Thunderstorm winds tore part of a roof from a house. Large trees and power lines were also downed. A roof from a barn was blown off.						
Allegheny County Pittsburgh	18	1945EST			0	0	2K		Thunderstorm Wind
			Large trees were downed in the East Liberty section of Pittsburgh.						
Greene County Morrisville	18	2030EST			0	0	50K		Thunderstorm Wind
			Thunderstorm winds blew out windows at an automobile dealership. A section of a roof over the entrance of a supermarket was blown off. Large trees were also downed.						
Fayette County Fairchance	18	2040EST			0	0	2K		Thunderstorm Wind
			Large trees were downed by thunderstorm winds.						
Washington County 1 NW Ginger Hill	19	1500EST			1	0			Flash Flood
			Heavy thunderstorm rains led to a small creek leading to Little Mingo Creek to go out of its banks and flood Beagle Club Road. Water collected around a nearby horse barn. A 40 year-old man died when he was swept into a 24 inch wide sewer pipe that he was trying to clear in the flooded horse barn. M40IW						
Beaver County Aliquippa	19	1625EST			0	0	5K		Thunderstorm Wind
			Numerous trees were downed by thunderstorm winds throughout the county, primarily in the southern sections.						
Allegheny County Sewickley Hgts	19	1627EST			0	0			Thunderstorm Wind (G57)
Allegheny County Highland	19	1656EST			0	0	12K		Thunderstorm Wind
			Numerous trees and power lines were downed near Highland, North Park, along McKnight Road and other locations in the North						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
PENNSYLVANIA, West									
			Hills.						
Westmoreland County									
New Kensington	19	1659EST			0	0	8K		Thunderstorm Wind
			Numerous trees and power lines were downed by thunderstorm winds.						
Allegheny County									
Penn Hills	19	1700EST			0	0			Hail (0.75)
Allegheny County									
Oakmont	19	1706EST			0	0			Hail (0.75)
Westmoreland County									
Vandergrift	19	1720EST			0	0	2K		Thunderstorm Wind
			Thunderstorm winds downed trees.						
Westmoreland County									
Arnold	19	1720EST			0	0	2K		Thunderstorm Wind
			Trees were downed by thunderstorm winds.						
Westmoreland County									
New Kensington	19	1730EST			0	0	6K		Thunderstorm Wind
			Thunderstorm winds downed power lines and about 30 large trees.						
Indiana County									
Homer City	19	1744EST			0	0	1K		Thunderstorm Wind
			Thunderstorm winds downed a tree and some large branches.						
Washington County									
Washington	19	1745EST			0	0	5K		Thunderstorm Wind
			Numerous trees were downed by thunderstorm winds.						
Indiana County									
Nowrytown	19	1800EST			0	0	1K		Thunderstorm Wind
			A tree and some large branches were downed by thunderstorm winds.						
Fayette County									
2 N Connellsville	19	1815EST			0	0	1K		Thunderstorm Wind
			Thunderstorm winds downed a tree and some large limbs.						
Armstrong County									
2 ENE Kittanning	19	1825EST			1	2			Heavy Rain
			Heavy thunderstorm rain and some wind weakened the roots of a large tree and the tree fell onto a pickup truck's windshield travelling on Route 66. A 13 year-old passenger was killed by the falling tree. The boy's father was seriously injured and the mother was treated overnight and released.						
			M13VE						
Fayette County									
Vanderbilt	19	1838EST			0	0	1K		Thunderstorm Wind
			Thunderstorm winds downed a tree onto Route 201. Some large branches were also downed.						
Washington County									
Claysville	19	1930EST 2000EST			0	0			Flash Flood
			Roads were flooded after heavy thunderstorm rains.						
Washington County									
East Finley	19	1930EST 2000EST			0	0			Flash Flood
			A few roads were closed after heavy thunderstorm rains led to rapid flooding.						
Washington County									
Washington	19	1930EST 2000EST			0	0	3K		Flash Flood
			Heavy thunderstorm rains led to flash flooding of streets and a few basements.						
Westmoreland County									
Wilpen	25 26	0940EST 0200EST			0	0	200K		Flash Flood
			Widespread heavy thunderstorm rains covered southwest Pennsylvania. Hardest hit was Westmoreland County. Widespread 3-4 inch rainfall totals were common across the county. Numerous roads were flooded and several basements were flooded. Route 982 was closed north of Route 30. 60-70 people were evacuated in the Darlington area. Evacuations were also ordered in Wilpen. Major road flooding was reported between Darlington and Ligonier. Numerous small streams and creeks went out of their banks. A large amount of runoff led to the flooding of the Conemaugh River at Seward.						
Butler County									
Butler	25 26	1025EST 0200EST			0	0	100K		Flash Flood
			Heavy thunderstorm rains led to widespread flooding across Butler County. The Little Buffalo Creek and small tributary streams						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>PENNSYLVANIA, West</u>									
of the Connoquenessing River went out of their banks. About 100 basements flooded throughout the county. Several roads were also flooded.									
Armstrong County									
Iron Bridge	25	1200EST 2000EST			0	0	1K		Flash Flood
Widespread heavy thunderstorm rains led to Buffalo Creek overflowing its banks.									
Indiana County									
Homer City	25	1200EST 2000EST			0	0	1K		Flash Flood
Widespread heavy thunderstorm rains led to Two Lick Creek overflowing its banks.									
Washington County									
Eighty Four	25	1200EST 2000EST			0	0	1K		Flash Flood
Widespread heavy thunderstorm rains led to Little Chartiers Creek overflowing its banks, flooding part of nearby Route 519. A total of 3.6 inches of rain was reported in Eighty Four.									
Allegheny County									
Penn Hills	25	1300EST			0	0	10K		Flash Flood
Widespread heavy thunderstorm rains led to basement flooding in Penn Hills.									
Fayette County									
Republic	25	1618EST 2000EST			0	0	5K		Flash Flood
Widespread thunderstorm rains led to basement flooding in Republic. Jacobs and Indian Creeks went out of their banks.									
PAZ023-030									
Indiana - Westmoreland									
	25	1700EST			0	0	7K		Flood
	26	1700EST							
Widespread heavy thunderstorm rains led to a rapid rise on the Conemaugh River at Seward. Rainfall amounts in the vicinity were between 3 and 4 inches. The river crested at 14.6 feet at 11 pm EST, 2.6 feet above the 12 foot flood stage. Nearby homes were flooded along the River. The river fell below flood stage early on the morning of the 26th.									
<u>PUERTO RICO</u>									
Culebra									
Culebra	03	1238AST 1253AST			0	0			Waterspout
A pilot reported a waterspout 1 nautical mile north of Culebra.									
Culebra									
Culebra	03	1740AST 1815AST			0	0			Waterspout
Flight Service Station reported three waterspouts three miles west of Culebra.									
Culebra									
Culebra	03	1830AST 1850AST			0	0			Waterspout
An observer reported multiple waterspouts just north of Culebra.									
Carolina									
Loiza	07	1725AST 1825AST			0	0			Urban/Sml Stream Fld
Heavy rains produced several small streams out of their banks in the town of Loiza. In addition route 187 was flooded and closed to traffic.									
Guayama Salinas									
Guayama	08	1315AST 1415AST			0	0			Waterspout
A weather observer reported two waterspouts and a funnel cloud five miles offshore in the southeast coast of Puerto Rico between Guayama and Patillas.									
Fajardo Rio Grande									
Fajardo	18	1845AST 1915AST			0	0			Waterspout
A waterspout was reported by an observer five miles east of Fajardo.									
La Plato Dorado									
Toa Alta	24	1545AST 1745AST			0	0			Heavy Rain
Civil Defense reported minor flooding in the town of Toa Alta.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>PUERTO RICO</u>									
La Plato Dorado									
Comerio	24	1545AST 1745AST			0	0			Heavy Rain
									Civil Defense reported minor flooding in the town of Comerio.
Aguadilla									
San Sebastian	24	1545AST 1745AST			0	0			Heavy Rain
									Civil Defense reported minor flooding in the town of San Sebastian.
Bayamon									
Guaynabo	24	1545AST 1745AST			0	0			Urban/Sml Stream Fld
									A heavy downpour in The Guaynabo's Marina sector caused urban street flooding and forced pedestrians to wade thigh-high to cross one low lying street.
Fajardo Rio Grande									
Fajardo	24	1600AST 1630AST			0	0			Waterspout
									A pilot reported a waterspout near Palomino island east of Fajardo.
Fajardo Rio Grande									
Fajardo	24	1705AST 1905AST			0	0			Heavy Rain
									Civil Defense reported minor flooding of roads, streets and streams across Fajardo.
Humacao									
Ceiba	24	1705AST 1905AST			0	0			Heavy Rain
									Civil Defense reported minor street and streams flooding in the town of Ceiba.
Fajardo Rio Grande									
Fajardo	26	1420AST 1450AST			0	0			Waterspout
									A small craft operators reported two waterspouts near Ramos island three miles east of Fajardo.
Bayamon									
San Juan	26	1500AST 1600AST			0	0			Urban/Sml Stream Fld
									Civil Defense reported Baldorioty expressway in Santurce was flooded.
Fajardo Rio Grande									
Fajardo	26	1631AST 1700AST			0	0			Waterspout
									A weather observer reported a waterspout between Fajardo and Margarita island.
Aguadilla									
Aguadilla	28	1200AST 1300AST			0	0			Tstm Wind/Hail
									A weather observer reported strong winds and hail at the Aguadilla airport. Numerous palm tree branches were scattered around and some mature palm trees were uprooted. A lightning stike fell on the runway and made a crater 18 inches deep and about 3 feet wide.
Vega Baja Manati									
Orocovis	29	1400AST 1430AST			0	0			Hail (2.00)
									The cooperative observer at Barrio Botijas I in Orocovis reported two inches size hail.
Vega Baja Manati									
Manati	29	1620AST 1650AST			0	0			Thunderstorm Wind (G50)
									Civil Defense reported that a roof top was detached by the strong winds in Manati.
Arecibo									
Arecibo	29	1620AST 1650AST			0	0			Hail (0.75)
									Civil Defense reported hail in the towns of Arecibo and Hatillo.
Culebra									
Culebra	31	1734AST 1800AST			0	0			Waterspout
									A waterspout was reported one mile northwest of Culebra.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>PUERTO RICO</u>									
Arecibo									
Utua	31	1940AST 2040AST			0	0			Heavy Rain
									Civil Defense reported mud slides in Utua produced by heavy rains, also frequent lightning with strong and gusty winds was reported about 40 minutes earlier.
<u>RHODE ISLAND</u>									
									NONE REPORTED.
<u>SOUTH CAROLINA, Central</u>									
Kershaw County									
1 W Lugoff	03	0648EST			0	0			Thunderstorm Wind (G55)
									Post Office reports trees down in Gettysburg, 1W of Lugoff.
Lexington County									
Leesville	03	0700EST			0	0			Thunderstorm Wind (G55)
									Sheriff reports trees and powerlines down in Leesville.
Richland County									
Chapin	03	0720EST			0	0			Thunderstorm Wind (G55)
									Police report several trees down in Chapin.
Barnwell County									
Kline	03	1142EST			0	0			Thunderstorm Wind (G55)
									Utility Company and EPD report trees and powerlines down in and around Kline.
Bamberg County									
Bamberg	03	1205EST			0	0			Thunderstorm Wind (G50)
									Police report a few trees down around Bamberg.
Lexington County									
Lexington	09	1640EST			0	0			Thunderstorm Wind (G60)
									A severe thunderstorm blew off portions of the Lexington Middle School roof.
Lexington County									
St. Andrews	09	1645EST			0	0			Thunderstorm Wind (G50)
									A severe thunderstorm took down large tree branches in St. Andrews.
Richland County									
1 NW Columbia to Columbia	09	1650EST 1655EST			0	1	20K	0	Thunderstorm Wind (G65)
									A severe thunderstorm took down trees and powerlines in northwest and west Columbia. One woman was trapped in her car and had to be cut out. She had only minor injuries.
Richland County									
15 SE Columbia	09	1702EST			0	0			Thunderstorm Wind (G56)
									A severe thunderstorm took down several trees at McEntire Air National Guard Base.
Bamberg County									
1 S Bamberg	15	1755EST			0	0			Hail (1.00)
									Sheriff reports a severe thunderstorm produced 1 inch hail just south of Bamberg.
Fairfield County									
15 SE Winnsboro	26	1810EST			0	0	3K	0	Thunderstorm Wind (G50)
									Sheriff reports a severe thunderstorm knocked down trees and powerlines in Longtown.
Sumter County									
8 N Sumter	26	1900EST			0	0	50K	0	Thunderstorm Wind (G50)
									EPD reports trees down just north of Sumter. A mobile home was also demolished and roofs were damaged on several homes and barns.
Lexington County									
Irmo	31	1744EST			0	0			Hail (1.75)
									EPD reports golf ball size hail in Irmo.
Lexington County									
Irmo	31	1745EST			0	0			Thunderstorm Wind (G50)
									State Highway Patrol reports scattered trees down on Weed Drive near Highway 60.
Richland County									
Ballentine	31	1750EST			0	0			Thunderstorm Wind (G50)
									State Highway Patrol reports scattered trees down on Highway 6 just south of Ballentine.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>SOUTH CAROLINA, Central</u>									
Lexington County									
Irmo	31	1845EST 2145EST			0	0			Flash Flood
Two to six inches of rain fell over the Irmo area in a two hour period triggering flash flooding along Yost Creek. A couple of roads had to be closed and a couple of homes had water make it into the lowest levels.									
Lexington County									
South Congaree	31	1848EST			0	0			Thunderstorm Wind (G50)
Utility company reports several trees down on powerlines in South Congaree.									
<u>SOUTH CAROLINA, North Coastal</u>									
Georgetown County									
Choppee	26	1420EST			0	0			Thunderstorm Wind (G60)
Numerous trees uprooted, large limbs and power lines down. 1300 customers without power for more than an hour.									
Georgetown County									
Murrells Inlet	26	1735EST 1738EST			0	0			Hail (1.00)
Reported by Skywarn Spotter									
Horry County									
Surfside Beach	26	1745EST 1748EST			0	0			Hail (1.00)
Reported by Skywarn Spotter 4W of Surfside Beach									
Georgetown County									
Murrells Inlet	26	1750EST 1755EST			0	0			Hail (1.75)
Reported by Fire Chief 1/2 mile north of Murrells Inlet									
Georgetown County									
Georgetown	26	1815EST 1817EST			0	0			Hail (0.75)
Reported by City Police									
<u>SOUTH CAROLINA, Northwest</u>									
Oconee County									
Westminster	02	2222EST 2232EST			0	0			Hail (0.75)
A severe thunderstorm caused large hail near Westminster.									
Greenville County									
6 N Greenville	03	0330EST			0	0			Thunderstorm Wind (G50)
The wind from a severe thunderstorm downed some trees and power lines around Paris Mountain. A couple of trees were also downed in Eastside Greenville.									
SCZ006									
Southern Greenville									
	13	1420EST 1430EST			0	6	3K		Gusty Winds
A cement block wall collapsed causing minor injuries to six workers. The damage was blamed on gusty winds which were well below high wind criteria - reported in the area to as high as 30 to 35 mph.									
Chester County									
10 S Chester	26	1735EST 1740EST			0	0			Thunderstorm Wind (G55)
The wind from a severe thunderstorm caused significant damage in the southern part of the county. Large trees were downed and blocked roads for several hours. Power lines were also downed. A little later, a single tree was downed in the town of Chester.									
<u>SOUTH CAROLINA, South Coastal</u>									
Allendale County									
Allendale	03	1215EST 1218EST			0	0			Thunderstorm Wind (G50)
Colleton County									
Ruffin	03	1300EST 1403EST			0	0			Thunderstorm Wind (G50)
Dorchester County									
Grover	03	1305EST 1308EST			0	0			Hail (1.75)
Berkeley County									
Moncks Corner	03	1325EST 1327EST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
<u>SOUTH CAROLINA, South Coastal</u>								
Colleton County Islandton	03	1353EST 1356EST			0	0		Thunderstorm Wind (G50)
Beaufort County 1 S Beaufort	03	1400EST 1404EST			0	0	25K	Thunderstorm Wind (G55)
A house was damaged on Harbour Island and several trees down.								
Colleton County Walterboro	03	1405EST 1408EST			0	0		Hail (1.75)
Charleston County Charleston Afb	03	1414EST 1417EST			0	0		Hail (0.75)
Charleston County Charleston	03	1436EST 1439EST			0	0		Hail (1.75)
Golfball sized hail covered the ground at the 18th green at Legends Oak golf course.								
Jasper County Ridgeland	03	1440EST 1443EST			0	0		Thunderstorm Wind (G55)
Charleston County 3 SE Ladson	03	1450EST 1453EST			0	0		Hail (0.75)
A line of severe thunderstorms moved across the area and downed numerous trees and powerlines. Also, there were scattered reports of hail (dime size to golfball size).								
Colleton County Jacksonboro	09	1715EST 1718EST			0	0		Tstm Wind/Hail
One inch hail observed and trees were blown down across U.S. Highway 17.								
Colleton County Walterboro	09	1730EST 1733EST			0	0		Thunderstorm Wind (G55)
Trees down across Highway 63.								
Hampton County Hampton	09	1730EST 1734EST			0	0		Hail (0.88)
Hampton County Hampton	09	1740EST 1744EST			0	0		Tstm Wind/Hail
Several large tree limbs down and nickel sized hail observed..								
Colleton County 2 W Ruffin to Walterboro	09	1745EST 1753EST			0	0		Hail (1.00)
Hail reports ranging from nickel size to quarter size observed.								
Charleston County 5 W Charleston to Charleston	09	1750EST 1800EST			0	0		Thunderstorm Wind (G50)
Trees and powerlines down several locations.								
Charleston County Charleston	09	1752EST 1755EST			0	0		Hail (0.88)
Nickel sized hail broke a weather service employee's automobile window.								
Colleton County 5 W Jacksonboro	09	1755EST 1758EST			0	0		Thunderstorm Wind (G50)
Trees down.								
Hampton County Varnville	09	1800EST 1803EST			0	0		Thunderstorm Wind (G55)
Trees and powerlines down.								

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>SOUTH CAROLINA, South Coastal</u>									
Charleston County									
5 NE Mt Pleasant	09	1810EST 1813EST			0	0			Thunderstorm Wind (G71)
Three aircraft were overturned at the East Cooper Airport.									
Berkeley County									
Bonneau	15	2040EST 2043EST			0	0			Hail (0.75)
<u>SOUTH DAKOTA, Central and North</u>									
SDZ006-018									
Brown - Spink									
01		0000CST			0	0			Flood
31		2359CST							
The record flooding on the James River in March and April continued a slow fall through the month of May. The James River began the month of May at 5 to 9 feet above flood stage and dropped to 3 to 5 feet above flood stage by the end of the month at most locations. Three miles northeast of Redfield, the James River fell below flood stage on May 19th. Thousands of acres of farmland and pastureland remained flooded by the James through May. As a result, large economic losses were incurred from the inability to plant the flooded acres. Also, many county and township roads remained flooded and damaged through May, continuing the travel problems and large detours.									
SDZ022									
Hamlin									
01		0000CST			0	0			Flood/Strong Wind
31		2359CST							
Lake Poinsett remained four feet overfull through the end of May and continued to flood many homes and cabins. Nearly fifteen families were still not able to get to their homes by the end of May. The high lake level combined with several days of strong winds gusting to 40 mph resulted in four foot waves on the lake. The days with the strongest winds were the 5th, 8th, 11th, and 13th. The high waves combined with floating debris, landscaping logs, railroad ties, timber, docks, etc., continued to cause considerable damage to cabins and homes around the lake. Broken windows and doors were the main things damaged.									
SDZ033>037-045-048-051									
Stanley - Sully - Hughes - Hyde - Hand - Jones - Lyman - Buffalo									
01		1600CST			0	0			Flood
02		2000CST							
Heavy rains of 1.5 to 2.5 inches with isolated 4.5 inch amounts fell over central South Dakota and caused the flooding of several creeks, streams, low-lying areas, and roads. This early May rain only aggravated the areas flooded in March and April. Lyman county experienced the most significant flooding where 4.5 inches of rain fell north of Vivian. Part of a golf course was flooded, some personal property was flooded along with the KOA campground near Kennebec.									
Corson County									
9 SE Morristown	04	1750CST			0	0			Thunderstorm Wind (G52)
Walworth County									
Mobridge	04	1912CST			0	0			Thunderstorm Wind (G54)
Campbell County									
Pollock	04	1915CST			0	0			Thunderstorm Wind (G52)
Edmunds County									
1 N Hosmer	04	1945CST			0	0			Thunderstorm Wind (G52)
Thunderstorm winds gusting to 60 mph damaged a calf barn 1 mile north of Hosmer.									
Marshall County									
Kidder	17	1830CST			0	0			Hail (0.75)
Marshall County									
Britton	17	1850CST			0	0			Hail (0.75)
Marshall County									
2 N Britton	17	1853CST			0	0			Hail (1.75)
Marshall County									
Lake City	17	1930CST			0	0			Hail (1.00)
Marshall County									
4 E Eden	17	1940CST			0	0			Hail (0.75)
Roberts County									
9 SW Sisseton	17	2011CST			0	0			Hail (0.75)
<u>SOUTH DAKOTA, Southeast</u>									
SDZ038-053-059>060-065-069									
Beadle - Sanborn - Davison - Hanson - Hutchinson - Yankton									
01		0000CST			0	0			Flood
31		2359CST							
Flooding from spring snowmelt continued along the James River throughout May. No new damage or problems were reported, but									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>SOUTH DAKOTA, Southeast</u>									
farmland and other lowlands along the river continued to be flooded despite the slow fall.									
SDZ040-056-062-067-071	Brookings - Moody - Minnehaha - Lincoln - Union								
	01	0000CST			0	0			Flood
	17	0600CST							
Flooding from spring snowmelt continued along the Big Sioux River at the beginning of May. Although secondary crests occurred early in the month, flooding was still well down from early April. Farmland and other lowland flooding abated as the river fell below flood stage around the middle of May.									
Minnehaha County									
2 SE Garretson	07	0601CST			0	0			Hail (0.75)
<u>SOUTH DAKOTA, West</u>									
Harding County									
Buffalo Arpt	04	1548MST 1550MST			0	0			Thunderstorm Wind (G75)
Perkins County									
(Y22)Lemmon Arpt	04	1648MST 1650MST			0	0			Thunderstorm Wind (G62)
<u>TENNESSEE, Central</u>									
Coffee County									
Manchester	01	0048CST			0	0			Hail (0.75)
Sheriff's office reported dime size hail in Manchester.									
Marshall County									
Chapel Hill	02	1630CST			0	0	0.50K		Thunderstorm Wind (G50)
Sheriff's office reported power lines down.									
Bedford County									
Flat Creek	02	1649CST			0	0	5K		Thunderstorm Wind (G50)
Sheriff's office reported many power lines down.									
Bedford County									
Normandy	02	1649CST			0	0	5K		Thunderstorm Wind (G50)
Sheriff's office reported many power lines down.									
Bedford County									
Wheel	02	1649CST			0	0			Hail (0.75)
Sheriff's office reported dime size hail.									
Lincoln County									
Dellrose	02	1650CST			0	0			Thunderstorm Wind (G50)
Local law enforcement reported a few trees blown down.									
Moore County									
5 N Lynchburg	02	1655CST			0	0			Thunderstorm Wind (G50)
Sheriff's office reported large tree limbs down.									
Franklin County									
Decherd	02	1715CST			0	0	1K		Thunderstorm Wind
Local law enforcement reported a telephone pole and power lines were down.									
Coffee County									
Manchester	02	1720CST			0	0	1K		Thunderstorm Wind (G50)
Local law enforcement reported a few trees and power lines down.									
Grundy County									
Pelham	02	1730CST			0	0			Thunderstorm Wind (G50)
Local electric company reported power lines down.									
Warren County									
Viola	02	1730CST			0	0			Thunderstorm Wind (G50)
Local electric company reported power lines down.									
Van Buren County									
Spencer	01	0145CST			0	0	100K		Lightning
Electric company reported lightning damaged a transformer near the Baker Boyd Subdivision in the Turkey Scratch area near Spencer.									
Franklin County									
2.6 S Huntland to 3.2 SSE Huntland	02	1700CST 1702CST	0.9	150	0	0	60K	100K	Tornado (F2)
A half dozen farm related buildings sustained damage. About 100 big trees were blown down in an apple orchard on White Gap									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TENNESSEE, Central									
									Road. The trees were lying in different directions.
Pickett County									
Byrdstown	14	1915CST			0	0			Thunderstorm Wind (G50)
									Sheriff's office reported trees down around Byrdstown.
Overton County									
Northeast Sections	14	2045CST			0	0			Thunderstorm Wind (G50)
									Highway department reported trees down in northeast part of the county.
Williamson County									
Fairview	19	1437CST 1845CST			0	0	50K		Flash Flood
									Several stores suffered high water invasion.
Hickman County									
Countywide	19	1600CST			0	0			Thunderstorm Wind (G50)
									Highway department reported 4 trees blown down around the county.
Williamson County									
Fairview	19	1619CST			0	0	50K		Thunderstorm Wind
									Trees and wires were down.
Stewart County									
Big Rock	19	1700CST			0	0			Thunderstorm Wind (G50)
									Highway department reported a tree blown down.
Williamson County									
Fairview	19	1700CST 1845CST			0	0			Flash Flood
									Many roads flooded in the Fairview area such as Chester Road, Old Cox Pike, and Pinewood Road.
Rutherford County									
Murfreesboro	19	1715CST			0	0	10K		Thunderstorm Wind
									Strong thunderstorm winds blew off part of a roof at the Elk's Lodge in Murfreesboro.
Lincoln County									
Taft	19	1800CST			0	0			Thunderstorm Wind (G50)
									EMA director reported a few trees down.
Hickman County									
Countywide	19	1600CST			0	0			Thunderstorm Wind (G50)
									Highway department reported about 5 trees blown down.
Williamson County									
Fairview	19	1630CST			0	0			Thunderstorm Wind (G50)
									Sheriff's office reported a few trees blown down.
Williamson County									
Fairview	19	1700CST 1900CST			0	0	50K		Flash Flood
									High water on roads, especially Old Franklin Road. The water caused some damage to the road.
Lincoln County									
Flintville	19	1900CST			0	0			Thunderstorm Wind (G50)
									SKYWARN Spotter reported trees and large tree limbs were blown down.
Davidson County									
Nashville	19	1924CST			0	0			Thunderstorm Wind (G50)
									Metro Nashville EOC reported one tree was down on McCrory Lane in west Nashville.
Stewart County									
2 W Dover	26	0840CST			0	0	1K		Thunderstorm Wind
									Large tree limbs and a few power lines were down.
Montgomery County									
4 S Cunningham	26	0855CST			0	0			Thunderstorm Wind (G50)
									A few trees were down in southern Montgomery county along HWY 48.
Benton County									
Camden	26	0900CST			0	0			Hail (0.75)
									Dime size hail reported at Camden.
Houston County									
Erin	26	0915CST			0	0	1K		Thunderstorm Wind
									Large trees limbs and a few power lines were down.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, Central									
Humphreys County Waverly	26	0915CST			0	0	5K		Thunderstorm Wind
			Numerous trees were down and a few shingles came off a roof.						
Humphreys County 5 S Mc Ewen	26	0940CST			0	0			Thunderstorm Wind (G50)
			A few trees were blown down.						
Dickson County Oak Grove	26	0950CST			0	0	1K		Thunderstorm Wind
			A few power lines were down at Oak Grove.						
Hickman County 3 N Pinewood	26	0955CST			0	0	1K		Thunderstorm Wind
			A few power lines were down.						
Cheatham County Pleasant View	26	1015CST			0	0	1K		Thunderstorm Wind
			A few power lines were down.						
Davidson County 2 SE Bellevue	26	1020CST			0	0			Thunderstorm Wind (G50)
			A few trees were blown down.						
Williamson County Franklin	26	1030CST			0	0			Thunderstorm Wind (G50)
			Several trees were blown down.						
Maury County 8.6 E Columbia	26	1100CST			0	0			Thunderstorm Wind (G50)
			2 trees were blown down.						
Marshall County Chapel Hill	26	1110CST			0	0			Thunderstorm Wind (G50)
			2 trees were blown down.						
Rutherford County Eagleville	26	1130CST			0	0	1K		Thunderstorm Wind
			A few power lines were blown down.						
Bedford County 5.2 NE Wartrace	26	1400CST			0	0			Thunderstorm Wind (G50)
			Numerous trees were blown down.						
Rutherford County Christiana	26	1400CST			0	0	20K		Thunderstorm Wind
			Windows were blown out of homes and a barn was destroyed by strong thunderstorm winds.						
Coffee County Beech Grove	26	1410CST			0	0			Thunderstorm Wind (G50)
			Trees were down in Beech Grove						
Lawrence County Deerfield	26	1517CST			0	0			Hail (0.75)
			SKYWARN Spotter reported dime size hail.						
Franklin County 2 S Huntland	26	1625CST			0	0	0.50K		Thunderstorm Wind (G50)
			A SKYWARN Spotter reported a tree was blown down in her back yard.						
Decatur County Parsons	26	1830CST			0	0			Hail (1.50)
			Ping pong ball size hail reported at Parsons.						
Decatur County Parsons	26	1830CST			0	0	10K		Thunderstorm Wind
			Trees were blown down and blocking a road in Parsons.						
Davidson County Nashville	26	2049CST			0	0			Hail (1.00)
			Quarter size hail reported at I-40/440 junction.						
Rutherford County Lascassas	26	2150CST			0	0	1K		Thunderstorm Wind
			A few power lines were down.						
Williamson County Franklin	26	1030CST			0	0			Thunderstorm Wind (G50)
			Williamson county EMA reported several trees down around the county.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TENNESSEE, East</u>									
Bradley County South End Of County	02	1930EST			0	0		20K	Thunderstorm Wind
									Severe thunderstorm winds blew down many trees.
Hamblen County Countywide	13	1620EST			0	0	20K	15K	Thunderstorm Wind
									Trees down and a few powerlines down throughout county.
Hawkins County Countywide	13	1630EST			0	0	15K	23K	Thunderstorm Wind
Jefferson County Countywide	13	1630EST			0	0	20K		Thunderstorm Wind
									Trees down throughout both counties. Phone lines down in Rogersville in Hawkins county.
Cocke County Countywide	13	1645EST			0	0	15K	5K	Thunderstorm Wind
Greene County Countywide	13	1645EST			0	0		2K	Thunderstorm Wind
									Trees down across Highway 70 in Greene county. A few trees and powerlines down in Cocke county.
Unicoi County Erwin	13	1720EST			0	0		8K	Thunderstorm Wind
									Winds from a severe thunderstorm blew a large tent over during a tent revival meeting. A few trees were also blown down.
Carter County Countywide	26 27	2150EST 2345EST			0	0			Flash Flood
Sullivan County Countywide	26 27	2245EST 2345EST			0	0			Flash Flood
									In Carter county roads were flooded around Unaka High School on Highway 91. Streets flooded in Elizabethton. In Sullivan county, Bloomingdale Road blocked by high water. 8 to 10 inches of water on the road in north part of Kingsport.
Johnson County Countywide	27	0030EST 0130EST			0	0	25K		Flash Flood
									In the Cove Springs community, a trailer home was flooded near the hospital. In the Laurel Bloomery community, water was reported in a few homes.
Rhea County Evensville	27	1700EST			0	0	5K		Flash Flood
									Roads flooded and some closed for a short time. Highway 27 passable in only one lane for a while between 6-6:45 pm. Little Richland Creek out of its banks along Highway 27 near Evensville. Water up to the doors of homes in a mobile home park.
Bradley County Countywide	31	2315EST 2359EST			0	0			Urban/Sml Stream Fld
Mcminn County Countywide	31	2315EST 2359EST			0	0			Urban/Sml Stream Fld
Rhea County Countywide	31	2315EST 2359EST			0	0			Urban/Sml Stream Fld
									Minor street and highway flooding throughout the counties.
<u>TENNESSEE, West</u>									
Henderson County Lexington	19	1900CST 1905CST			0	0	2K		Thunderstorm Wind
									A drive-in restaurant lost part of its awning and winds blew a sign out of the ground and damaged speakers and fixtures. Another restaurant had its sign knocked down.
Obion County Rives	26	1300CST 1305CST			0	0	30K		Thunderstorm Wind
									A large farm shed was demolished.
Lake County Tiptonville	26	1620CST 1625CST			0	0	0.01K		Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TENNESSEE, West									
Obion County									
Obion	26	1635CST			0	0	2.5K		Thunderstorm Wind
									A satellite dish was destroyed. Two tool sheds and a chimney were damaged. Several trees and a power pole were blown down.
Gibson County									
Kenton	26	1710CST 1715CST			0	0	1K		Thunderstorm Wind
									The roof of a house was blown off.
Gibson County									
Rutherford to Trenton	26	1710CST 1718CST			0	0	0.02K		Hail (0.75)
Henderson County									
Parker Xrds	26	1818CST 1823CST			0	0	1K		Thunderstorm Wind
									Several cars were rolled over trapping three persons. No injuries were reported.
Lauderdale County									
Halls	26	1820CST			0	0	0.01K		Hail (0.75)
Haywood County									
5 N Brownsville	26	1900CST 1905CST			0	0	0.76K		Hail (1.75)
Haywood County									
5 N Brownsville	26	1915CST 1920CST	0.5	25	0	0	0.01K		Tornado (F0)
									A tornado briefly touched down producing minimal damage.
Haywood County									
Brownsville	26	1915CST 1920CST			0	0	1K		Thunderstorm Wind
									Several trees were knocked down.
Chester County									
Henderson	26	2015CST 2020CST			0	0	0.01K		Hail (0.75)
Menairy County									
Mc Nairy	26	2030CST 2035CST			0	0	5K		Thunderstorm Wind
									Several trees and power lines were blown down.
Hardin County									
Counce	26	2055CST 2100CST			0	0	0.35K		Hail (1.25)
Tipton County									
Brighton	27	0245CST 0250CST			0	0	5K		Thunderstorm Wind
									Numerous trees and power lines were knocked down.
Shelby County									
Memphis	27	0300CST 0305CST			0	0	0.01K		Hail (0.75)
Shelby County									
Collierville	27	0310CST 0315CST			0	0	0.05K		Hail (0.88)
Fayette County									
Somerville	27	0340CST 0345CST			0	0	0.01K		Hail (0.75)
Hardeman County									
Whiteville	27	0400CST 0405CST			0	0	0.05K		Hail (0.88)
Madison County									
Jackson	28	1730CST 1915CST			0	0	0.10K		Urban/Sml Stream Fld
									Heavy rain produced urban flooding in the Jackson area. Several roads accumulated 6 to 8 inches of water on them forcing them to be closed for a few hours.
Tipton County									
4 W Covington	30	1703CST 1708CST			0	0	0.75K		Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TENNESSEE, West</u>									
Mcnairy County									
Adamsville	31	0430CST 0805CST			0	0	30K		Lightning
A house was badly damaged by a fire started by lightning. Three persons in the house were killed in the fire.									
<u>TEXAS, Central</u>									
Fisher County									
5 W Rotan	08	1745CST			0	0			Thunderstorm Wind (G57)
Sterling County									
Sterling City	08	2145CST			0	0			Hail (0.75)
Tom Green County									
Water Vly	08	2215CST			0	0			Thunderstorm Wind (G52)
Fisher County									
Roby	08 09	2240CST 0040CST			0	0			Flash Flood
Taylor County									
Trent to Abilene	08 09	2315CST 0145CST			0	0			Flash Flood
On May 8-9, a slow moving cold front resulted in widespread 1 to 2 inch rainfall over the Big Country, along a 40 mile wide line from Roby in Fisher County to San Saba. Specific rainfall reports include 1.91 inches in Trent and 1.3 inches in Abilene. Flooding occurred on and around Interstate 20 between Trent and Abilene, in Taylor County. Road closures were reported in Fisher County.									
Coleman County									
Coleman	09	0112CST			0	0			Thunderstorm Wind (G52)
Brown County									
12 NNW Brownwood to Early	09	0130CST 0145CST			0	0	150K		Thunderstorm Wind (G58)
Downburst winds occurred over an area from Lake Brownwood State Park to the towns of Early and north Brownwood. A wind gust to 67 mph was recorded at the Brownwood airport. Most of the damage was concentrated in Early and northeast Brownwood. Numerous trees were blown down and many fell on power lines. A warehouse was blown from its foundation near Lake Brownwood State Park.									
Brown County									
14 NW Brownwood Arpt	09	0130CST	0.1	10	0	0	100K		Tornado (F1)
An off-duty weather observer witnessed a tornado which touched down on their house at Lake Brownwood. The tornado peeled the roof off and caused other damage to their house. Fortunately there were no injuries.									
Mitchell County									
10 SW Westbrook	14	2222CST			0	0	50K	40K	Hail (1.75)
Mitchell County									
4 S Colorado City	14	2240CST			0	0	70K	50K	Hail (1.75)
Nolan County									
6 W Maryneal	14	2325CST			0	0	25K	20K	Hail (1.75)
Taylor County									
5 S Abilene to 2 N Abilene	14 15	2327CST 0001CST			0	0	200K	100K	Hail (1.75)
Hail up to golfball-size fell over the city of Abilene and surrounding areas.									
Jones County									
Anson	15	0030CST			0	0			Hail (0.75)
Nolan County									
Blackwell	15	0100CST			0	0			Hail (0.75)
Taylor County									
Abilene	15	0100CST 0230CST			0	0	250K		Flash Flood
Heavy rainfall occurred overnight May 14-15. This rain resulted from an upper level low pressure system that moved across west central Texas and combined with numerous outflow boundaries from earlier thunderstorms. A large area of one to two inch rainfall occurred from a line from southwest Crockett County through San Angelo to Albany in Shackelford County. A few spots received up to three inches of rain. Flash flood warnings were issued for several counties with street flooding reported in Abilene. Floodwaters entered some homes in Abilene.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Central									
Jones County									
Anson	15	0122CST			0	0	10K		Hail (0.75)
Jones County									
5 S Anson	15	0200CST 0300CST			0	0	25K		Flash Flood
									As much as three inches of rain fell south of Anson and flooded county roads.
Coke County									
1 S Bronte	15	0203CST			0	0			Hail (0.75)
Runnels County									
3 W Norton	15	0211CST			0	0			Hail (0.75)
Brown County									
5 SE Brownwood	15	1420CST			0	0			Hail (0.88)
Schleicher County									
5 E Eldorado	15	1455CST	0.1	20	0	0			Tornado (F0)
									Brief tornado touchdown.
Schleicher County									
18 NE Eldorado	15	1534CST	0.1	25	0	0			Tornado (F0)
									Brief tornado touchdown.
Callahan County									
Cross Plains	19	1353CST			0	0			Hail (0.75)
Callahan County									
8 W Cross Plains	19	1400CST	0.1	10	0	0	50K	5K	Tornado (F1)
									A downpour of rain and hail lasted about 12 minutes, and left a narrow strip of ground completely covered with hail. While hail was destroying the garden of this residence, a tornado touched down for a few seconds. The roof was ripped apart and the fireplace was destroyed. The suction damaged the home's ceiling. Mesquite trees in the yard were also ripped apart.
Callahan County									
Cross Plains	19	1428CST			0	0			Hail (1.75)
Concho County									
1 W Eola	19	1432CST			0	0			Hail (0.75)
Tom Green County									
5 NE Vancourt	19	1432CST			0	0			Hail (0.75)
									Large hail fell between Vancourt and Eola, along the Concho/Tom Green county line.
Brown County									
9 NNW Brownwood	19	1505CST			0	0			Hail (1.75)
									Golfball-size hail fell over Lake Brownwood.
Brown County									
Owens to 1 E Owens	19	1515CST 1530CST	1	50	0	0			Tornado (F1)
									Sightings of this tornado were reported by residents of May and Comanche.
Crockett County									
12 SSE Ozona	19	1540CST	0.1	15	0	0			Tornado (F0)
Brown County									
Brownwood	19	1545CST 1555CST			0	0	50K	20K	Hail (1.75)
									Hail up to golfball-size fell over most of the city of Brownwood.
Sutton County									
Sonora	19	1655CST			0	0			Hail (0.75)
Crockett County									
10 W Ozona	21	1818CST	0.1	20	0	0			Tornado (F0)
Mitchell County									
Colorado City	24	1853CST			0	0			Thunderstorm Wind (G58)
Mitchell County									
Colorado City	24	1900CST			0	0			Hail (0.88)
									Nickel-size hail fell in Colorado City while 67 mph winds were recorded at the local radio station.
Fisher County									
Roby	30	0206CST			0	0			Hail (0.75)
Fisher County									
Roby	30	0212CST			0	0			Thunderstorm Wind (G52)
Taylor County									
Trent	30	0233CST			0	0			Thunderstorm Wind (G52)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, Central</u>									
Mcculloch County Rochelle	30	1518CST			0	0			Hail (0.75)
San Saba County 18 W Cherokee	30	1620CST 1700CST			0	0			Flash Flood
Up to two inches of rain fell over southwest San Saba County during the late afternoon of the 30th. The heavy rains caused isolated flash flooding over this sparsely populated area.									
San Saba County Cherokee	30	1638CST			0	0			Thunderstorm Wind (G52)
Schleicher County 15 E Eldorado	30	1929CST			0	0			Hail (0.75)
Concho County 10 SW Eden	31	0040CST			0	0	100K		Thunderstorm Wind
Many large oak trees were uprooted by the winds. There was also damage to pens, barns, and windmills on ranches.									
Menard County 5 N Ft Mckavett to Ft Mckavett	31	0100CST 0133CST			0	0	300K		Thunderstorm Wind (G87)
Golfball size hail and 100 mph winds were reported by a cooperative observer near Fort McKavett. The hail broke double-pane windows. The winds damaged three camp buildings along the San Saba River. One building was lifted off of its foundation. The roof of another, a lodge building, was removed and carried more than 100 yards by the winds. The camp was occupied during this storm but there were no injuries.									
Menard County Ft Mckavett	31	0133CST			0	0	50K	50K	Hail (1.75)
Kimble County 2 NW Junction	31	0140CST	0.1	15	0	0			Tornado (F0)
<u>TEXAS, Central Southeast</u>									
Trinity County Sebastopol	02	2035CST			0	0	5K		Hail (0.75)
Polk County Leggett	02	2100CST			0	0	5K		Hail (0.75)
Matagorda County County	09	1459CST 1930CST			0	0	5K		Flash Flood
Street flooding from 3-5" rains									
Jackson County County	09	1500CST 1700CST			0	0	5K		Flash Flood
Creek flooding from 2-5" rains									
Wharton County Pierce	15	1438CST			0	0	5K		Hail (0.75)
San Jacinto County Oakhurst	15	1625CST			0	0	5K		Hail (1.00)
Polk County 7 S Corrigan	15	1654CST			0	0	5K		Hail (0.75)
Houston County 5 E Crockett	15	1705CST			0	0	5K		Hail (0.75)
Trinity County 9 E Groveton	15	1737CST 1739CST	0.2	20	0	0	5K		Tornado (F0)
Weak tornado downed trees 9 miles east of Groveton									
Houston County County	15	1840CST 2055CST			0	0	5K		Flash Flood
Street flooding between Grapeland and Crockett									
Trinity County County	15	1945CST 2055CST			0	0	10K		Flash Flood
Severe street flooding in Applesprings and Corrigan with 6-7" rain in 2 hours									
Brazoria County Jones Creek	21	1710CST			0	0	5K		Thunderstorm Wind
Trees down at SFA Rd.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Central Southeast									
Colorado County									
Sheridan	21	1830CST 1833CST	0.2	25	0	0	25K		Tornado (F0)
Tornado blew down powerlines, temporary buildings, and 12" diameter trees									
Colorado County									
Sheridan	21	1845CST			0	0	5K		Hail (0.75)
Austin County									
3 SW Sealy	21	1957CST			0	0	5K		Thunderstorm Wind
Trees down on FM 3013									
Austin County									
Sealy	21	2033CST 2215CST			0	0	10K		Flash Flood
3 feet of water at intersection of HWY 36 & HWY 90									
Harris County									
Houston	21	2033CST 2215CST			1	0	50K		Flash Flood
Street flooding in west Houston from 6-8" training rains. An elderly man drove into a flooded underpass (about 8 ft deep) where he drowned. M70VE									
Galveston County									
Galveston	22	1030CST			0	0	50K		Lightning
Lightning induced fire destroyed house									
Harris County									
Cypress	23	1335CST			0	0			Thunderstorm Wind (G50)
Spotter report of 60 mph gusts at HWY 290 & Tookey Rd.									
Waller County									
Hempstead	24	1407CST			0	0	5K		Thunderstorm Wind
Trees down on 16th-17th St.									
Harris County									
Houston	24 25	1535CST 0530CST			0	2	250K		Flash Flood
Severe flooding in Houston. 50-75 homes had flood damage. Creeks and bayous out of banks at many locations. A cab driver and 12 year old boy had to be rescued after flood waters swept them away from White Oak Bayou. Both hung onto trees before being rescued and had many ant bites. Many cars also flooded.									
Madison County									
North Zulch	27	1854CST			0	0	5K		Hail (1.25)
Madison County									
3 N Madisonville	27	1855CST			0	0	5K		Hail (0.75)
Harris County									
Houston	28	1000CST			0	0	5K		Thunderstorm Wind
Trees down at Tidwell & I-45									
Montgomery County									
5 S Conroe	28	1220CST			0	0	5K		Hail (0.75)
3/4" hail at FM 1488 & I-45									
Waller County									
Brookshire	28	1350CST			0	0	5K		Hail (0.75)
Polk County									
5 N Livingston	28	1459CST 1510CST	0.5	10	0	0			Tornado (F0)
DPS amd EM reported tornado during the time period. No injuries or damages reported.									
Jackson County									
La Ward	28	1704CST			0	0	5K		Hail (1.00)
Jackson County									
Lolita	28	1704CST			0	0	10K		Hail (1.75)
Jackson County									
Vanderbilt	28	1704CST			0	0	10K		Hail (1.75)
Polk County									
Corrigan	30	0957CST			0	0	5K		Thunderstorm Wind
Trees uprooted on FM 942									
Houston County									
Ratcliff	30	2150CST			0	0	5K		Thunderstorm Wind
Trees blown down									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Central Southeast									
Polk County Corrigan	30	2203CST			0	0	5K		Thunderstorm Wind
			Trees and powerlines blown down						
Madison County Midway	30	2205CST			0	0	5K		Thunderstorm Wind
			Trees blown down						
Trinity County 9 NW Groveton	30	2210CST			0	0	5K		Thunderstorm Wind
			Powerlines blown down						
Harris County Tomball	30	2222CST			0	0	5K		Hail (0.75)
Harris County 2 SSE Tomball	30	2222CST 2224CST	0.5	20	0	0	5K		Tornado (F1)
			Trees blown down on Dobbin Huffsmith Rd.						
Harris County 2 SE Tomball	30	2222CST			0	0	5K		Thunderstorm Wind
			Trees blown down on Grant & Mill Rd.						
Harris County 3 S Tomball to 2 S Tomball	30	2227CST			0	0	5K		Hail (0.75)
Grimes County 5 W Roans Prairie	30	2238CST			0	0	5K		Thunderstorm Wind
			Trees down on HWY 30						
Harris County 5 E Cypress	30	2242CST			0	0	5K		Thunderstorm Wind
			16 foot oak tree uprooted, pine tree snapped 20 feet up near Jones Rd and HWY 249						
Harris County Houston	30	2242CST			0	0	20K		Thunderstorm Wind
			Tree blown down on house at North Chappel and San Glen. Key map 329R						
Harris County Houston	30	2242CST			0	0	25K		Thunderstorm Wind
			90 foot tree uprooted and fell on a house at Thornhill and Benwick. Key map 329R						
Harris County Louetta	30	2242CST			0	0	10K		Thunderstorm Wind
			Numerous trees down and signal lights damaged near HWY 249						
Harris County 7 SE Tomball	30	2242CST			0	0	5K		Thunderstorm Wind
			8 foot pine tree snapped and several large limbs blown down. Key map 329M						
Harris County Houston	30	2256CST			0	0			Thunderstorm Wind (G50)
			Spotter reported 50 kt gusts in the Willowbrook area						
Harris County 9 ESE Cypress	30	2257CST			0	0	5K		Thunderstorm Wind
			Trees blown down at FM 1960 & HWY 249						
Harris County Houston	30	2303CST			0	0	5K		Hail (0.88)
			Hail in the Willowbrook area						
Montgomery County Willis	30	2311CST			0	0	5K		Thunderstorm Wind
			Trees blown down						
Harris County Nrn County	30 31	2330CST 0200CST			0	0	15K		Flash Flood
			Street flooding due to 3-5 inch rains. Approximately 6 homes sustained water damage						
Montgomery County Porter	30	2330CST			0	0	15K		Thunderstorm Wind
			Trees blown down onto a mobile home						
Montgomery County Srnr County	30 31	2330CST 0200CST			0	0	25K		Flash Flood
			Street flooding in the Woodlands from 3-5 inch rains. Bridge washed out at Dobbin-Huffsmith Rd. near Magnolia						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, Central Southeast</u>									
Austin County Bellville	30	2335CST			0	0	10K		Hail (1.75)
Austin County Bellville	30	2335CST			0	0	5K		Thunderstorm Wind
									Powerlines blown down
Harris County Baytown	31	0000CST			0	0	5K		Thunderstorm Wind
									16 foot business sign blown down on Garth Rd. This sign was built to withstand 60 mph winds.
Harris County Houston	31	0006CST			0	0	5K		Hail (0.75)
									Hail at Richmond & Loop 610
Chambers County 5 W Hankamer	31	0020CST			0	0	5K		Thunderstorm Wind
									Trees blown down on FM 563
Jackson County Ganado	31	0315CST			0	0	10K		Thunderstorm Wind (G60)
									Utility poles and trees blown down
<u>TEXAS, Extreme West</u>									
Hudspeth County Salt Flat	28	1435MST 1459MST			0	0			Hail (1.00)
<u>TEXAS, Mid - South</u>									
Kleberg County Ricardo	03	1500CST			0	0			Flash Flood
									NWS employee and numerous public reports of several roadways and surrounding fields flooded.
Webb County Laredo	09	0948CST			0	0			Thunderstorm Wind (G50)
									Official weather observation of 50 knot wind gust generated from a thunderstorm outflow boundary.
Duval County San Diego	09	1110CST			0	0			Thunderstorm Wind (G50)
									Skywarn spotter report of several large trees uprooted by thunderstorm wind and torrential downpours.
Jim Wells County 5 NE Alice	09	1123CST	0.1	30	0	0			Tornado (F0)
									Sheriff report of a tornado near highways 359 and 44.
Jim Wells County Alice	09	1130CST			0	0			Thunderstorm Wind (G50)
									Sheriff report of several large uprooted trees with numerous power lines downed.
Jim Wells County Orange Grove	09	1135CST			0	0			Thunderstorm Wind (G50)
									Public report of several large trees downed resulting in damage to homes.
Nueces County Agua Dulce	09	1210CST			0	0			Thunderstorm Wind (G50)
									Sheriff report of several large trees uprooted and structural damage to homes.
Nueces County Robstown	09	1215CST			0	0			Thunderstorm Wind (G50)
									Sheriff report of several large trees uprooted.
Kleberg County Kingsville	09	1300CST			0	0			Thunderstorm Wind (G50)
									Emergency manager report of extensive damage to barns and farmhouses with several large trees uprooted.
San Patricio County Portland	09	1300CST			0	0			Thunderstorm Wind (G50)
									NWS spotter report of power poles downed with several large trees uprooted.
Nueces County Corpus Christi	09	1320CST			0	0			Hail (0.75)
									Public report of dime sized hail.
Victoria County Victoria	09	1330CST			0	0			Flash Flood
									NWS spotter report of flooded roadways with 4.9 inches of rain.
La Salle County 9 N Cotulla	15	1645CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Mid - South									
McMullen County									
Tilden	15	1820CST			0	0			Hail (0.75)
McMullen County									
Tilden	15	1835CST			0	0			Hail (1.75)
									Spotter report of golfball sized hail resulting in numerous windows being shattered across town.
McMullen County									
Tilden	15	1835CST			0	0			Thunderstorm Wind (G50)
									Sheriff report of several large trees downed by strong thunderstorm wind gusts.
Live Oak County									
4 E George West	15	1920CST			0	0			Funnel Cloud
									NWS skywarn spotter and sheriff report of a funnel cloud near Interstate highway 37.
Live Oak County									
Three Rivers	15	1922CST			0	0			Hail (0.75)
Live Oak County									
Three Rivers	15	1922CST			0	0			Thunderstorm Wind (G50)
									Reports of several large tree limbs downed by strong thunderstorm wind.
Live Oak County									
10 E George West	15	1950CST			0	0			Thunderstorm Wind (G50)
									Reports of several large tree limbs downed along highway 59.
Webb County									
Laredo	15	1958CST			0	0			Thunderstorm Wind (G50)
									Spotter report of several branches downed across town due to strong thunderstorm wind.
Bee County									
2 N Skidmore	15	2015CST			0	0			Thunderstorm Wind (G55)
									Sheriff report of debris covering highway 181 resulting from strong thunderstorm wind gusts.
San Patricio County									
5 E Mathis	15	2015CST			0	0			Hail (0.75)
									NWS spotter report of dime sized hail.
Nueces County									
Corpus Christi	23	0826CST			0	0			Waterspout
									Police report of a waterspout over Corpus Christi Bay.
Nueces County									
Corpus Christi	23	0930CST 1000CST			0	0			Flash Flood
									Numerous reports from various agencies and persons of widespread flooding across the area with several roadways flooded.
San Patricio County									
Gregory	23	1015CST			0	0			Flash Flood
									Police report of several roadways flooded.
Calhoun County									
Port Lavaca	23	1315CST			0	0			Flash Flood
									Sheriff report of several roadways flooded.
Bee County									
Skidmore	23	1430CST			0	0			Funnel Cloud
									Sheriff report of several weak funnel clouds across the area.
Live Oak County									
Lagarto	23	1430CST			0	0			Funnel Cloud
									Sheriff and spotter reports of several weak funnel clouds across the area.
San Patricio County									
Mathis	23	1430CST			0	0			Funnel Cloud
									NWS spotter and public reports of several weak funnel clouds across the area.
Live Oak County									
Lagarto	23	1435CST 1450CST	0.1	30	0	0			Tornado (F0)
									NWS spotter report of three weak funnel clouds that frequently descended from the cloud base and reached the surface.
Bee County									
7 N Skidmore	24	1915CST			0	0			Hail (0.75)
									Spotter report of dime sized hail.
La Salle County									
9 N Cotulla	27	1945CST 2010CST			0	0			Hail (1.75)
									Sheriff report of golfball sized hail.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, Mid - South</u>									
Mcmullen County									
Tilden	27	2030CST			0	0			Thunderstorm Wind (G50)
	Spotter report of numerous trees downed with several windows being shattered to local homes.								
Live Oak County									
Three Rivers	27	2040CST			0	0			Hail (0.75)
Bee County									
Beeville	27	2045CST			0	0			Thunderstorm Wind (G50)
	Sheriff report of numerous trees and power lines downed by strong thunderstorm wind.								
La Salle County									
Artesia Wells	27	2050CST			0	0			Hail (1.75)
	Sheriff report of golfball sized hail.								
Goliad County									
Ander	27	2100CST			0	0			Thunderstorm Wind (G50)
	Spotter report of numerous large trees downed by thunderstorm wind gusts.								
Goliad County									
Weesatche	27	2100CST			0	0			Hail (1.00)
Webb County									
25 N Laredo	27	2100CST			0	0			Hail (1.00)
	Border Patrol report of quarter sized hail.								
San Patricio County									
Mathis	27	2120CST			0	0			Thunderstorm Wind (G55)
Duval County									
Realitos	27	2125CST			0	0			Thunderstorm Wind (G50)
	Sheriff report of numerous power lines downed by thunderstorm wind.								
Jim Wells County									
Alice	27	2125CST			0	0			Thunderstorm Wind (G50)
	Spotter report of large tree limbs downed by thunderstorm wind.								
Webb County									
Oilton	27	2215CST			0	0			Hail (1.00)
Refugio County									
7 N Bayside	28	1540CST			0	0			Hail (1.75)
	Spotter report of golfball sized hail.								
Victoria County									
Inez	28	1631CST			0	0			Hail (0.75)
Victoria County									
5 NW Victoria	28	1635CST			0	0			Hail (1.00)
	Spotter report of quarter sized hail.								
Goliad County									
Schroeder	28	1720CST			0	0			Hail (0.75)
Goliad County									
Goliad	28	1747CST			0	0			Hail (1.00)
	Spotter report of quarter sized hail.								
<u>TEXAS, North</u>									
Jack County									
12 N Jacksboro	08	1922CST			0	0			Hail (0.75)
Jack County									
Jacksboro	08	2107CST 2300CST			0	0			Flash Flood
	Street flooding was reported in and around town.								
Wise County									
5 W Chico	08	2035CST 2036CST	0.1	25	0	0			Tornado (F0)
	A brief tornado touchdown was reported by a DPS officer.								
Wise County									
Bridgeport	08	2050CST			0	0	2K		Thunderstorm Wind
	Strong winds blew down power lines.								
Wise County									
2 S Boonsville	08	2129CST			0	0			Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
TEXAS, North							
Wise County							
Boonsville	08	2248CST			0 0		Flash Flood
	09	0100CST					Streets were closed due to high water in town.
Wise County							
Cottondale	08	2248CST			0 0		Flash Flood
	09	0100CST					Streets were closed due to high water in town.
Wise County							
2 SW Lake Bridgeport	08	2330CST			0 0		Flash Flood
	09	0130CST					Over 3.90 inches of rain fell at Runaway Bay, resulting in street flooding.
Lamar County							
5 W Paris	08	2125CST			0 0		Hail (0.75)
Parker County							
Weatherford	08	2149CST			0 0		Hail (0.75)
Parker County							
5 N Weatherford	08	2155CST			0 0		Hail (1.00)
Parker County							
2 E Adell	08	2340CST			0 0		Flash Flood
	09	0130CST					Low-lying areas were reported flooded.
Parker County							
3 N Peaster	08	2340CST			0 0		Flash Flood
	09	0130CST					Low-lying areas were flooded on Farm-to-Market Road 920.
Tarrant County							
Saginaw	08	2235CST			0 0		Flash Flood
	09	0100CST					The intersection of Western Center Blvd. and Blue Mound Road was reported flooded.
Tarrant County							
Haslet	08	2320CST			0 0		Flash Flood
	09	0130CST					A car stalled in flood waters.
Palo Pinto County							
Gordon	08	2300CST			0 0		Flash Flood
	09	0200CST					Streets were flooded in town due to 5.90 inches of rain that fell in the area.
Denton County							
Justin	08	2330CST			0 0		Flash Flood
	09	0200CST					The intersection of Farm-to-Market Road 156 at Highway 114 was reported under water.
Wise County							
Paradise	09	0023CST			0 0		Flash Flood
		0200CST					A car was washed off Farm-to-Market Road 2123.
Wise County							
Cottondale	09	0200CST			0 0	75K	Flash Flood
		0400CST					Roads were washed away and a bridge was washed out by flood waters.
Wise County							
Paradise	09	0300CST			0 0		Flash Flood
		0430CST					Farm-to-Market Road 2123 remained flooded and was closed due to high water.
Erath County							
Stephenville	09	0030CST			0 0		Flash Flood
		0230CST					Several roads were reported flooded throughout the county.
Hood County							
Granbury	09	0110CST			0 0		Flash Flood
		0300CST					Portions of Highway 377 were flooded and closed.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Hood County Granbury	09	0242CST 0400CST			0	0			Flash Flood
									Low-lying areas were under water and streets were flooded.
Hood County Tolar	09	0400CST 0600CST			0	0			Flash Flood
									Several roads were reported flooded in and around town.
Hood County Granbury	09	0550CST 0700CST			0	0	50K		Flash Flood
									Several roads were reported flooded in and around town. Two feet of water entered a home.
Hood County Granbury	09	0743CST 0900CST			0	0			Flash Flood
									Numerous roads were flooded throughout the county.
Eastland County Cisco	09	0200CST 0500CST			0	0			Flash Flood
									Five inches of rain resulted in street flooding in town.
Eastland County Gorman	09	0230CST 0500CST			0	0			Flash Flood
									Highway 8 was reported flooded.
Denton County 2 N Roanoke	09	0300CST 0500CST			0	0			Flash Flood
									Highway 114 was reported flooded near the Texas Motor Speedway.
Palo Pinto County Gordon	09	0300CST 0500CST			0	0			Flash Flood
									A few roads in and around town were reported flooded.
Tarrant County Haslet	09	0300CST 0500CST			0	0	60K		Flash Flood
									Several roads were reported flooded and a few houses had flood waters in them.
Tarrant County Saginaw	09	0330CST 0530CST			0	0	10K		Flash Flood
									Railroad tracks were washed out at Highway 287 and Hicks Road.
Tarrant County Haslet	09	0430CST			0	0			Flash Flood
									Roads were closed due to high water.
Parker County 1 N Dennis	09	0330CST 0530CST			0	0			Flash Flood
									Farm-to-Market Road 1189 was flooded.
Dallas County Grand Prairie	09	0500CST			0	1	120K		Lightning
									Lightning struck a home and caused a fire that engulfed much of the structure. An elderly man was caught in the home at the time, suffered smoke inhalation and was taken to the hospital.
Somervell County Glen Rose	09	0555CST 0730CST			0	0			Flash Flood
									Several low-water crossings throughout the county were flooded.
Johnson County Cleburne	09	0800CST 1000CST			0	0			Flash Flood
									High water was reported over several roads throughout the county.
Stephens County 5 SW Breckenridge	15	0339CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, North									
Hopkins County 8 N Sulphur Spgs	15	0753CST			0	0			Hail (1.00)
Tarrant County Hurst	15	0800CST			0	0	75K		Lightning
									Lightning struck a house and started a fire that resulted in extensive damage.
Tarrant County Ft Worth	15	0845CST 0945CST			0	0	20K		Flash Flood
									A building was flooded by high water on the south side of town.
Dallas County Grand Prairie	15	0915CST			0	0	30K		Lightning
									Lightning struck a house and caused a fire that resulted in considerable damage.
Tarrant County Haltom City	15	0925CST 1100CST			0	0			Flash Flood
									Several roads were reported flooded by high water.
Comanche County Mercers Gap	15	1445CST			0	0			Hail (0.75)
Comanche County Comanche	15	1557CST 1730CST			0	0			Flash Flood
									Several roads in and around town were flooded by high water.
Hamilton County 4 N Hamilton	15	1610CST			0	0			Hail (1.00)
Comanche County Newburg	15	1630CST 1830CST			0	0			Flash Flood
									Over three inches of rain resulted in flooding of roads in and around town.
Bell County Temple	15	1840CST			0	0			Hail (1.75)
Bell County Temple	15	1840CST			0	0	0		Thunderstorm Wind
									Large limbs were blown down by strong winds.
Eastland County Desdemona	19	1620CST			0	0			Thunderstorm Wind (G50)
Collin County Plano	19	1745CST			0	0	50K		Lightning
									Lightning struck a home and started a fire that resulted in considerable damage.
Collin County Plano	19	1758CST			0	0			Thunderstorm Wind (G57)
Collin County Plano	19	1810CST			0	0	25K		Thunderstorm Wind
									Large limbs were blown down and roofs were damaged by strong winds.
Collin County Plano	19	1815CST 2000CST			0	0			Flash Flood
									Cars were stranded in flood waters.
Collin County Plano	19	1902CST 2100CST			0	0	10K		Flash Flood
									Streets were flooded and a few homes received minor flooding from high water.
Collin County Plano	19	1930CST 2130CST			0	0			Flash Flood
									Nearly 5.00 inches of rain fell in the area and caused flooding.
Denton County 4 E Lewisville	19	1808CST 2000CST			0	0			Flash Flood
									Several streets were reported impassable due to high water.
Dallas County Dallas	19	1905CST			0	0			Flash Flood
									Streets were flooded in the northern portion of the city.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Denton County									
Denton	19	1928CST 2100CST			0	0			Flash Flood
Several roads were flooded in the southeastern portion of town.									
Rockwall County									
Rockwall	19	2000CST			0	0	40K		Lightning
Lightning struck a house and caused a fire that resulted in considerable damage.									
Kaufman County									
Kaufman	19	2009CST 2200CST			0	0			Flash Flood
Street flooding was reported in town.									
Kaufman County									
Terrell	19	2009CST			0	0			Flash Flood
Street flooding was reported in town.									
Denton County									
4 E Lewisville	19	2018CST 2200CST			0	0			Flash Flood
Several roads remained flooded and impassable in The Colony.									
Cooke County									
4 W Lindsay	19	2230CST 2330CST			0	0			Flash Flood
Water was reported over Highway 82 between Lindsay and Muenster.									
Haskell County									
Sagerton	23	1525CST			0	0			Hail (0.75)
Bell County									
Troy	23	1727CST 1930CST			0	0			Flash Flood
Portions of Interstate 35 were reported flooded.									
Falls County									
2 S Lott	24	1600CST			0	0	10K		Thunderstorm Wind
Strong winds removed the roof of a shed, and blew down trees and power lines.									
Falls County									
4 S Lott	24	1620CST 1830CST			0	0			Flash Flood
Highway 77 was reported flooded between Lott and Travis.									
TXZ091>095-101>107									
Montague - Cooke - Grayson - Fannin - Lamar - Jack - Wise - Denton - Collin - Hunt - Delta - Hopkins									
	25	1700CST 2300CST			0	0			Severe Thunderstorms
A well-defined dry line was positioned just west of northern Texas by late afternoon as a strong upper level disturbance approached from the southern Rockies. The air mass over North Texas was very unstable but strongly capped by a warm layer of air from 5000 to 10000 feet above the surface. Low level wind shear was also strong as southeasterly surface winds veered to the southwest/west and increased with height. Severe thunderstorms developed rapidly along the dry line over south central Oklahoma during the mid-afternoon. Development continued southward along the dry line into northwestern North Texas by early evening. The storms moved east, off the boundary, and affected mainly the north central counties along the Red River. The cap suppressed development south of a Jacksboro to Greenville line. Several supercell thunderstorms produced at least eight tornadoes, hail up to two inches in diameter, convective wind gusts to 90 mph and minor flooding.									
Montague County									
3 E Montague	25	1800CST			0	0	0		Thunderstorm Wind
Trees were blown down by strong winds.									
Montague County									
Dye Mound	25	1824CST 1828CST	0.5	30	0	0	15K		Tornado (F1)
A tornado destroyed two barns and a carport.									
Montague County									
Hardy	25	1828CST			0	0			Hail (1.75)
Montague County									
St Jo	25	1915CST			0	0			Hail (1.75)
Montague County									
St Jo	25	1931CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Montague County 2 S St Jo	25	1934CST 1935CST	0.1	25	0	0			Tornado (F0)
	A brief tornado was reported south of town.								
Montague County 2 SE St Jo	25	1939CST 1940CST	0.1	25	0	0			Tornado (F0)
	The tornado south of town dissipated and another brief tornado developed southeast of town.								
Cooke County 4 SW Muenster to 3 S Muenster	25	1936CST 1941CST	1	75	0	0	100K		Tornado (F2)
	A tornado blew over a 1500 lb pumpjack, snapped 25 power poles, destroyed several barns, damaged roofs, and damaged or destroyed numerous trees.								
Cooke County Muenster	25	1940CST			0	0			Hail (1.75)
Cooke County Myra	25	2010CST 2013CST	0.5	30	0	0			Tornado (F0)
	A tornado was reported by spotters.								
Cooke County 5 NE Era	25	2025CST			0	0			Hail (1.75)
Cooke County Valley View	25	2034CST			0	0			Hail (2.00)
Cooke County 3 NE Era to 3 NW Valley View	25	2039CST 2049CST	3	50	0	0			Tornado (F1)
	Spotters reported a tornado northeast of Era. The tornado was on the ground for approximately 10 minutes and uprooted numerous large trees.								
Cooke County Mountain Spgs	25	2041CST 2043CST	0.1	25	0	0			Tornado (F0)
	A brief tornado was reported.								
Cooke County 2 NW Era	25	2050CST			0	0			Thunderstorm Wind (G61)
Cooke County 5 S Gainesville	25	2054CST			0	0			Hail (1.75)
Cooke County Gainesville	25	2100CST 2300CST			0	0			Flash Flood
	Streets were reported flooded in and around town.								
Cooke County 2 N Valley View	25	2110CST			0	0			Thunderstorm Wind (G78)
	Winds were estimated at 80 to 90 mph north of town.								
Cooke County Gainesville	25	2111CST 2119CST	2	40	0	0			Tornado (F0)
	A tornado touched down just east of the high school. Spotters watched this weak tornado for about 8 minutes as it moved east.								
Cooke County Gainesville	25	2119CST			0	0			Hail (1.75)
Grayson County Denison	25	2110CST			0	0			Hail (1.75)
Grayson County Gunter	25	2154CST			0	0			Hail (0.75)
Collin County Celina	25	2204CST			0	0			Hail (1.00)
TXZ091>095	Montague - Cooke - Grayson - Fannin - Lamar								
	26	2230CST			0	0			Severe Thunderstorms
	27	0300CST							
	A cold front moved into southern Oklahoma by the evening hours. The air mass south of the boundary had become extremely unstable with temperatures in the low to mid 90s and dewpoint temperatures in the upper 70s. A capping layer of warm air aloft suppressed thunderstorm development through much of the day but convergence along the slow-moving front was able to break								

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, North									
the cap in southern Oklahoma around sunset. Supercell thunderstorms developed and moved east with additional development occurring along the gust fronts on the southern flank of the storms. This effectively caused the storms to develop southward into the north central counties along the Red River. A weak tornado, marginally severe hail and damaging straight-line winds occurred with the storms.									
Grayson County 4 W Pottsboro	26	2245CST 2246CST	0.1	25	0	0			Tornado (F0)
A brief tornado touchdown was reported.									
Cooke County Callisburg	26	2250CST			0	0			Hail (0.75)
Grayson County 5 SE Pottsboro	26	2315CST			0	0			Hail (1.00)
Grayson County 5 SE Pottsboro	26	2315CST			0	0			Thunderstorm Wind (G61)
Grayson County Denison	26	2335CST			0	0	20K		Thunderstorm Wind
Strong winds destroyed an outdoor stage that was being used for a concert just a short time earlier.									
Grayson County Sherman	27	0005CST			0	0			Hail (0.75)
Lamar County Paris	27	0047CST			0	0			Hail (1.00)
Hopkins County Peerless	27	0235CST			0	0			Hail (0.75)
TXZ145>147-158>161	Hill - Navarro - Freestone - Bell - McLennan - Falls - Limestone								
	27	1200CST 1800CST			0	0			Severe Thunderstorms
By early afternoon, the cold front that moved into the extreme northern portions of North Texas shortly after midnight had pushed to a Paris, Terrell to Goldthwaite line. An extremely unstable air mass continued to the south of the boundary with marginal wind shear also present. A possible gravity wave produced by the ongoing severe thunderstorms over southwest Arkansas and northeast Texas translated southwestward and interacted with the front. This interaction resulted in thunderstorm development over central McLennan County shortly after 1200CST. This storm quickly became severe and within 30 minutes had already produced its first tornado. Several more tornadoes and hail to softball size occurred as the extremely severe supercell thunderstorm moved south across southern McLennan, Bell and Falls Counties. Tornado damage was extensive. Other tornadic thunderstorms developed over western Navarro and southern Hill Counties around 1300CST. Two tornadoes, hail to golfball size and damaging straight-line winds occurred as these storms moved to the south.									
McLennan County Hewitt	27	1210CST			0	0			Hail (0.75)
McLennan County 6 W Lorena to 7 W Lorena	27	1221CST 1233CST	2	75	0	0	75K		Tornado (F2)
A tornado developed just west of Box Ranch Road and moved west-southwest to just west of Mackey Ranch Road where a mobile home was destroyed. The tornado also uprooted numerous large trees along its path.									
McLennan County Eddy	27	1244CST 1247CST	0.2	40	0	0			Tornado (F0)
A sheriff's deputy reported a tornado near I-35 and Highway 7.									
McLennan County 1 E Moody to 3.5 S Moody	27	1246CST 1259CST	3	150	0	0	150K		Tornado (F3)
The third tornado developed about 1.5 miles east-southeast of Moody in open country just south of Farm-to-Market Road 107. The tornado moved south-southwest and destroyed a house and a barn. Another house was damaged and numerous trees were uprooted. Two vehicles were tossed several hundred feet by the tornado. The strong tornado dissipated about 0.5 miles after moving into extreme northern Bell County.									
McLennan County Lorena	27	1248CST			0	0			Hail (1.00)
McLennan County Lorena	27	1255CST			0	0			Hail (1.75)
McLennan County 3 E Moody	27	1256CST			0	0			Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, North									
McLennan County Bruceville	27	1300CST			0	0			Hail (1.75)
McLennan County Eddy	27	1300CST			0	0			Hail (1.75)
McLennan County Bruceville	27	1305CST			0	0			Hail (2.75)
McLennan County Eddy	27	1306CST			0	0			Hail (2.75)
McLennan County Bruceville	27	1309CST			0	0			Hail (1.75)
Falls County 3 N Blevins	27	1239CST			0	0			Hail (0.75)
Falls County 3 N Blevins	27	1306CST			0	0			Hail (4.50)
		Baseball to softball size hail was reported.							
Bell County 3 N Troy	27	1306CST			0	0			Hail (4.50)
		Baseball to softball size hail was reported.							
Bell County 4 WNW Belton	27	1316CST 1327CST	0.2	40	0	0			Tornado (F0)
		Shortly after 200 pm, a small thunderstorm developed 8 WNW of Belton, a few miles ahead of the rear flank downdraft gust front associated with the large supercell that was moving into the northern portion of the county at this time. The initial weak circulation associated with the small thunderstorm deepened and strengthened as it moved to the east-southeast. The storm produced a weak tornado which lasted about 10 minutes before it was undercut by the rear flank downdraft of the larger storm.							
Bell County Troy	27	1325CST			0	0			Hail (2.75)
Bell County 6.5 N Belton to 5.6 NW Belton	27	1327CST 1345CST	1.4	275	0	0	900K		Tornado (F3)
		The fourth tornado that was produced by the large supercell thunderstorm developed on the north side of Lake Belton, near Morgans Point where a marina was destroyed. Over 100 boats at the marina were destroyed by the strong tornado that moved slowly south-southwest. Ten homes along the lakeshore also sustained severe damage and damage to trees was nearly total. The tornado dissipated just northeast of Woodland.							
Bell County 5 SW Belton	27	1350CST 1358CST	0.2	40	0	0			Tornado (F1)
		Another short-lived tornado developed in the Lampasas River Valley, east of Stillhouse Dam.							
Bell County Belton	27	1353CST			0	0			Hail (1.75)
Bell County 2 W Belton	27	1407CST			0	0			Hail (1.75)
Bell County 1 NW Prairie Dell to 2 SW Prairie Dell	27	1407CST 1425CST	2.4	100	0	0	20K		Tornado (F1)
		The extremely severe supercell thunderstorm produced its sixth tornado about half a mile west of the Prairie Dell exit on I-35. The tornado was observed to be nearly stationary in a field for about 10 minutes then it moved quickly south-southwest. Trees were destroyed and several structures were damaged. The tornado dissipated near the location where County Road 304 crosses the Bell-Williamson County line. A short time later, a violent tornado developed and devastated the community of Jarrell in northern Williamson County.							
Bell County Salado	27	1417CST			0	0			Hail (1.75)
Bell County Salado	27	1430CST			0	0			Hail (1.00)
Bell County 6.5 NW Troy to 7 NW Troy	27	1307CST 1310CST	0.7	150	0	0			Tornado (F3)
		This is the same tornado that began 1 mile east of Moody in McLennan County.							
Navarro County Blooming Grove	27	1405CST 1410CST	0.5	50	0	0			Tornado (F1)
		A short-lived tornado uprooted large trees.							

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, North									
Navarro County Blooming Grove	27	1415CST			0	0			Hail (1.75)
Navarro County 1 S Dawson	27	1436CST 1440CST	0.5	50	0	0			Tornado (F1)
A storm spotter reported a tornado south of town. Large trees were uprooted by the tornado.									
Navarro County Dawson	27	1446CST			0	0			Hail (1.75)
Navarro County Dawson	27	1446CST			0	0			Thunderstorm Wind (G65)
Hill County 3 SW Hubbard	27	1450CST 1453CST	0.2	40	0	0			Tornado (F0)
A short-lived tornado was reported.									
Hill County 4 NE Mt Calm	27	1455CST			0	0			Hail (1.00)
Limestone County Coolidge	27	1529CST			0	0	2K		Thunderstorm Wind
Strong winds blew down power lines.									
Limestone County Mexia	27	1553CST			0	0			Hail (1.75)
Limestone County 6 W Mexia	27	1620CST			0	0	2K		Thunderstorm Wind
Power lines were blown down by high winds.									
Freestone County Simboro	27	1625CST			0	0			Hail (0.75)
Freestone County Donie	27	1710CST			0	0			Hail (1.75)
Van Zandt County 6 W Van	28	0053CST			0	0			Hail (1.00)
Van Zandt County Ben Wheeler	28	0340CST 0500CST			0	0			Flash Flood
High water was reported over several roads in and around town.									
Jack County Antelope	30	0447CST			0	0	0		Thunderstorm Wind
Trees were blown down by strong winds.									
Wise County Boyd	30	0624CST			0	0			Hail (0.75)
Wise County 3 SW Keeter	30	0651CST			0	0			Hail (1.00)
Wise County Decatur	30	0732CST 0900CST			0	0			Flash Flood
Several rural roads throughout the county were reported flooded.									
Parker County Garner	30	0628CST			0	0			Hail (1.00)
Parker County 1 N Springtown	30	0651CST			0	0			Hail (1.00)
Parker County Springtown	30	0717CST 0900CST			0	0			Flash Flood
Over three inches of rain in less than an hour resulted in flooding.									
Parker County 4 W Weatherford	30	0717CST 0900CST			0	0			Flash Flood
A car was washed off a road and into a creek west of town. A weather observer reported over 5 inches of rain in less than two hours in the area.									
Parker County 2 W Weatherford	30	0740CST			0	0			Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, North									
Parker County									
Reno	30	0800CST 1000CST			0	0			Flash Flood
Flood waters swept cars off a road and into a creek.									
Tarrant County									
Ft Worth	30	0712CST 0900CST			0	0			Flash Flood
Many streets were reported flooded downtown.									
Tarrant County									
Ft Worth	30	0720CST 0900CST			0	0			Flash Flood
An intersection was reported flooded.									
Tarrant County									
Ft Worth	30	0810CST			0	0	0		Thunderstorm Wind
Tree limbs were downed by strong winds.									
Denton County									
6 W Bolivar	30	1355CST			0	0			Hail (1.75)
Bosque County									
Valley Mills	30	1430CST			0	0	0		Thunderstorm Wind
A tree was blown down by strong winds.									
McLennan County									
3 W Mc Gregor to Mc Gregor	30	1630CST			0	0	0		Thunderstorm Wind
Trees were blown down by strong winds.									
McLennan County									
3 S Moody	30	1645CST			0	0	2K		Thunderstorm Wind (G60)
Strong winds damaged an outbuilding and uprooted small trees.									
Coryell County									
Oglesby	30	1654CST			0	0			Hail (1.75)
Coryell County									
Oglesby to 5 S Oglesby	30	1654CST 1710CST	5	50	0	2	75K		Tornado (F1)
A tornado developed near Oglesby, moved south for 5 miles and dissipated near Mother Neff State Park. Along the tornado's path a home received major damage, siding was removed from a church, several barns and outbuildings were destroyed, numerous large trees were uprooted and a car with 5 occupants was lifted from the road and thrown onto a fence. Two of the occupants received minor injuries.									
Coryell County									
1 SE Oglesby	30	1658CST			0	0	0		Thunderstorm Wind (G70)
Strong winds blew down trees.									
Bell County									
3 E Nolanville	30	1730CST			0	0	25K		Thunderstorm Wind
Strong winds damaged roofs, and blew down trees and power lines.									
Bell County									
Belton	30	1740CST			0	0			Thunderstorm Wind (G61)
Rains County									
Emory	30	1740CST			0	0	15K		Thunderstorm Wind (G61)
Strong winds damaged a roof, blew down a carport and downed trees.									
Rockwall County									
Rockwall	30	1749CST			0	0	20K		Thunderstorm Wind
Strong winds damaged roofs and trees.									
Van Zandt County									
Van	30	1825CST			0	0	0		Thunderstorm Wind
A large tree was blown down by strong winds.									
Van Zandt County									
Canton	30	1900CST			0	0	0		Thunderstorm Wind
Numerous large trees were blown down throughout the county.									
Henderson County									
Chandler	30	1850CST			0	0			Thunderstorm Wind (G52)
Freestone County									
10 N Fairfield	30	1950CST			0	0	70K		Thunderstorm Wind
Trees were blown down by strong winds. One tree fell onto a mobile home south of Richland Creek Reservoir, effectively splitting									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS, North</u>									
splitting it into two.									
Freestone County									
Fairfield	30	2015CST			0	0	50K		Thunderstorm Wind
									Strong winds damaged the high school roof, and blew down trees and power lines.
Freestone County									
Dew	30	2030CST			0	0	2K		Thunderstorm Wind
									Strong winds blew down trees and power lines.
Leon County									
11 NE Centerville	30	2110CST			0	0	0		Thunderstorm Wind
									Several trees were blown down by strong winds on Farm-to-Market Road 1511, 3 miles north of the Hopewell Community.
Leon County									
3 S Marquez	30	2130CST			0	0	0		Thunderstorm Wind
									Several trees were blown down by strong winds.
<u>TEXAS, North Panhandle</u>									
Collingsworth County									
3 E Wellington	01	1619CST			0	0			Hail (0.75)
Collingsworth County									
5 E Wellington	01	1621CST			0	0			Hail (0.88)
Collingsworth County									
7 E Wellington	01	1623CST			0	0			Hail (1.00)
Collingsworth County									
11 E Wellington	01	1627CST			0	0			Hail (1.75)
Wheeler County									
Briscoe	01	1632CST			0	0			Hail (0.88)
Ochiltree County									
5 W Perryton	01	1846CST 1851CST			0	0			Hail (1.00)
Ochiltree County									
Perryton	01	1853CST 1855CST			0	0			Hail (1.75)
Lipscomb County									
Booker	01	1907CST			0	0			Hail (1.00)
Ochiltree County									
7 S Perryton	01	1908CST			0	0			Hail (0.88)
Lipscomb County									
Booker	01	1920CST			0	0			Hail (1.25)
Ochiltree County									
20 S Perryton	01	1924CST			0	0			Hail (1.00)
Ochiltree County									
12 SE Perryton	01	1928CST			0	0			Hail (0.75)
Lipscomb County									
Booker	01	1945CST			0	0			Hail (0.75)
Hemphill County									
Canadian	01	2026CST			0	0			Hail (0.75)
Hemphill County									
Canadian	01	2028CST			0	0			Hail (1.75)
Lipscomb County									
Lipscomb	01	2045CST			0	0			Hail (0.75)
Donley County									
Ashtola	01	2130CST			0	0			Hail (0.75)
Gray County									
10 W Alanreed	01	2139CST			0	0			Thunderstorm Wind (G61)
									UPS truck overturned at mile marker 122 on Interstate 40 as reported by storm spotters.
Wheeler County									
Wheeler	01	2140CST			0	0			Hail (1.00)
Donley County									
Clarendon	01	2152CST			0	0			Hail (0.75)
Wheeler County									
Briscoe	01	2207CST			0	0			Thunderstorm Wind (G61)
									Report of power lines down.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
					Killed	Injured	Property		
TEXAS, North Panhandle									
Thunderstorms across the eastern Texas Panhandle produced large hail along with high winds.									
Deaf Smith County									
14 N Hereford	06	1818CST			0	0			Hail (1.75)
Potter County									
Amarillo	06	1905CST			0	0			Hail (0.75)
Reported at Amarillo Blvd and Western St.									
Sherman County									
13 S Stratford to 13 SSE Stratford	06	1935CST	0.7	25	0	0			Tornado (F0)
Tornado remained over open country and track was estimated.									
Sherman County									
30 E Stratford	06	1953CST			0	0			Hail (0.75)
Reported on Highway 1573 near the county line.									
Moore County									
Sunray	06	2007CST			0	0			Thunderstorm Wind (G52)
Gray County									
Mc Lean	06	2050CST			0	0			Hail (0.75)
Gray County									
Pampa	06	2113CST			0	0	2K		Thunderstorm Wind (G69)
Report of emergency vehicle windows blown out.									
Roberts County									
12 NW Miami	06	2142CST			0	0			Hail (1.00)
Thunderstorms moved from the western sections of the Texas Panhandle and across the central sections producing large hail and damaging winds. An isolated tornado was spawned by the storms over the northern Texas Panhandle, however this tornado did no damage or injuries.									
Ochiltree County									
Perryton	06	2040CST			0	0			Hail (0.75)
Hartley County									
Hartley	07	1645CST			0	0			Hail (0.88)
Hartley County									
6 NE Hartley	07	1702CST			0	0			Hail (2.75)
Moore County									
Dumas	07	1725CST			0	0			Hail (1.75)
Moore County									
10 W Dumas	07	1733CST			0	0			Hail (2.75)
Moore County									
Dumas	07	1735CST			0	0			Hail (1.75)
Moore County									
Four Way	07	1750CST			0	0			Hail (0.75)
Moore County									
Four Way	07	1757CST			0	0			Thunderstorm Wind (G52)
Carson County									
White Deer	07	1803CST			0	0			Hail (1.75)
Carson County									
10 N Panhandle	07	1820CST			0	0			Hail (1.75)
Carson County									
8 W Mc Bride	07	1822CST			0	0			Hail (0.75)
Hutchinson County									
2 W Sanford	07	1825CST			0	0			Hail (2.75)
Roberts County									
Miami	07	1830CST			0	0			Hail (0.75)
Gray County									
8 SW Lefors	07	1839CST 1841CST	0.2	25	0	0			Tornado (F0)
Carson County									
Skellytown	07	1845CST			0	0			Hail (1.75)
Carson County									
9 SE Panhandle to 9.5 SE Panhandle	07	1852CST	0.5	25	0	0			Tornado (F0)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, North Panhandle									
Carson County Groom	07	1906CST			0	0			Hail (1.00)
Gray County 5 N Laketon to 5 NE Laketon	07	1910CST	1	50	0	0			Tornado (F0)
Donley County Jericho	07	1930CST			0	0			Hail (1.00)
Donley County 8 W Clarendon	07	1940CST			0	0			Hail (1.75)
Donley County Clarendon	07	1950CST			0	0			Hail (1.75)
Wheeler County Wheeler	07	1950CST			0	0			Thunderstorm Wind (G56)
Wheeler County 7 W Shamrock	07	1956CST 52 knot winds also reported.			0	0			Tstm Wind/Hail
Donley County Clarendon	07	2000CST			0	0			Hail (2.75)
Wheeler County 2 NW Mobeetie	07	2000CST Report of one foot diameter trees down.			0	0			Thunderstorm Wind (G61)
Wheeler County 7 W Shamrock	07	2005CST 2007CST Tornado reported in Pakan community.	0.1	25	0	0			Tornado (F0)
Donley County Giles	07	2040CST			0	0			Hail (0.75) Severe thunderstorms which developed across the northwest Texas Panhandle moved east and southeast across the north central and southeast sections of the Texas Panhandle. These storms produced large hail and high winds along with a few tornadoes. All of the tornadoes remained over open country and their tracks were estimated.
Potter County Amarillo	15	0708CST			0	0			Hail (0.75) Hail was 6 inches deep on the ground.
Randall County Amarillo	15	0708CST			0	0			Hail (0.75) Report at 34th Street and Georgia Street.
Randall County Amarillo	15	0709CST			0	0			Hail (0.88)
Randall County Amarillo	15	0710CST			0	0			Hail (1.00) Report at 34th Street and Georgia Street.
Potter County Amarillo	15	0715CST			0	0			Hail (1.00) Report at Wolflin Avenue and Georgia Street.
Randall County Amarillo	15	0720CST			0	0	2M		Hail (1.25) Numerous cars damaged at car dealerships at 34th Street and Georgia Street.
Randall County 6 S Amarillo	15	0728CST			0	0			Hail (0.75) Report at Claude Highway and Washington Street. An early morning severe thunderstorm raked the south central Texas Panhandle with large hail.
Hutchinson County Stinnett	18	2001CST			0	0			Hail (0.88) Severe thunderstorm over the north central Texas Panhandle produced a report of large hail.
Moore County Dumas	22	1450CST			0	0			Hail (0.88)
Hansford County 7 W Morse	22	1620CST			0	0			Hail (0.75) Report of hail on county line in Hansford and Hutchinson counties.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, North Panhandle									
Hutchinson County									
7 W Morse Jct	22	1620CST			0	0			Hail (0.75)
Report of hail on county line in Hansford and Hutchinson counties. Severe thunderstorms produced large hail in the north central Texas Panhandle.									
Gray County									
Hoover	23	1605CST			0	0			Hail (1.00)
Roberts County									
Miami	23	1845CST			0	0			Hail (0.88)
A severe thunderstorm produced large hail over the eastern Texas Panhandle.									
Moore County									
Masterson	24	1605CST			0	0			Hail (0.88)
Moore County									
3 N Masterson	24	1625CST			0	0			Hail (0.88)
Hansford County									
Morse	24	1702CST			0	0			Hail (1.00)
Moore County									
10 S Dumas	24	1715CST			0	0			Hail (0.75)
Carson County									
1 SE Conway	24	1742CST			0	0			Hail (1.00)
Carson County									
Conway	24	1750CST			0	0			Hail (0.75)
Hutchinson County									
Fritch	24	1750CST			0	0			Hail (1.00)
Hutchinson County									
5 E Fritch	24	1752CST			0	0			Thunderstorm Wind (G50)
Hutchinson County									
5 E Fritch	24	1757CST			0	0			Hail (1.75)
Carson County									
Groom	24	1805CST			0	0			Hail (1.25)
Carson County									
2 N Conway	24	1809CST			0	0			Hail (0.75)
Carson County									
7 N Panhandle	24	1809CST			0	0			Hail (1.00)
Carson County									
7 N Panhandle	24	1815CST			0	0			Hail (1.00)
Carson County									
White Deer	24	1815CST			0	0			Hail (0.75)
Donley County									
Clarendon	24	1817CST			0	0			Hail (0.75)
Carson County									
Skellytown	24	1825CST			0	0			Hail (1.00)
Carson County									
3 NE White Deer	24	1834CST			0	0			Hail (0.75)
Carson County									
4 SE Skellytown	24	1842CST			0	0			Hail (0.75)
Ochiltree County									
Farnsworth	24	1900CST			0	0			Hail (0.75)
Wheeler County									
Shamrock	24	1933CST			0	0			Hail (0.75)
Lipscomb County									
2 W Higgins	24	2005CST			0	0			Hail (0.75)
Report of hail covering the ground. Thunderstorms over the north central and eastern Texas Panhandle produced large hail and high winds.									
Deaf Smith County									
20 NW Hereford	28	1607CST 1608CST	0.1	25	0	0			Tornado (F0)
Brief tornado touchdown over open country. Tornado track was estimated.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, North Panhandle									
Deaf Smith County 27 W Hereford	28	1610CST			0	0			Hail (1.75)
Hansford County 11 W Gruver	28	1720CST			0	0			Hail (0.88)
Hansford County 20 WNW Spearman	28	1724CST			0	0			Hail (1.00)
Hansford County 4 SW Gruver	28	1730CST			0	0			Hail (1.00)
Sherman County 10 SE Stratford	28	1736CST			0	0			Hail (1.00)
Sherman County 14 SE Stratford	28	1815CST			0	0			Hail (1.75)
Moore County 12 E Dumas	28	1842CST			0	0			Hail (0.88)
Moore County 1 N Dumas	28	1843CST			0	0			Thunderstorm Wind (G55)
Moore County 16 SE Dumas	28	1923CST			0	0			Hail (1.00) Report of hail covering Highway 1913.
Hartley County 5 E Channing	28	1957CST			0	0			Hail (1.00)
Potter County 10 NW Amarillo	28	2055CST			0	0			Hail (0.75) Report at Bishop Hills.
Potter County 15 NW Amarillo	28	2059CST			0	0			Hail (0.88) Report 5 miles west on Boys Ranch Road.
Potter County 6 W Amarillo	28	2104CST			0	0			Hail (1.00) Report at 9th Street and Soncy Road.
Randall County 6 SW Amarillo	28	2120CST			0	0			Hail (0.75) Report at Washington Street and 58th Street. Thunderstorms over the western and central Texas Panhandle produced mainly large hail along with some high winds and an isolated tornado.
Hansford County 7 NE Gruver	29	1919CST			0	0			Hail (1.00)
Potter County 6 N Bushland	29	1959CST			0	0			Hail (0.88)
Potter County Amarillo	29	2000CST			0	0			Hail (0.75) Report from Bishop Hills.
Hutchinson County Borger	29	2003CST			0	0			Thunderstorm Wind (G50) As measured by ASOS weather observation.
Potter County 2 W Bushland	29	2005CST			0	0			Hail (1.00)
Potter County 8 W Amarillo	29	2019CST			0	0			Hail (1.00)
Randall County Amarillo	29	2025CST			0	0			Hail (1.00) Report at Hollywood and Soncy Roads in southwest Amarillo.
Hutchinson County Borger	29	2027CST			0	0			Hail (0.75)
Carson County Panhandle	29	2252CST			0	0			Hail (0.75)
Randall County 11 SW Amarillo	29	2033CST			0	0			Thunderstorm Wind (G80) Report of a 900 pound object blown into yard. Possible tornado.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>TEXAS, North Panhandle</u>									
Randall County 1 N Canyon	29	2040CST			0	0			Hail (2.75)
	Report along Hunsley Road on north side of Canyon.								
Randall County 7 N Canyon	29	2055CST 2057CST	0.1	25	0	0			Tornado (F0)
	Report of a brief tornado touchdown between Amarillo and Canyon. Tornado remained over open country and the track was estimated.								
Carson County 15 NE Panhandle	29	2104CST 2106CST	0.3	50	0	0			Tornado (F0)
	Tornado remained over open country and the track was estimated.								
Randall County 7.5 S Canyon	29	2110CST			0	0			Hail (2.75)
	Report from along Interstate 27.								
Randall County 7.5 S Canyon	29	2112CST 2114CST	0.1	25	0	0			Tornado (F0)
	Tornado remained over open country and the track was estimated.								
Donley County 5 E Clarendon	30	0125CST			0	0			Hail (0.88)
	Severe thunderstorms moved southeast across the central and southern Texas Panhandle producing large hail and high winds along with a few tornadoes, especially over the south central sections.								
<u>TEXAS, Northeast</u>									
TXZ126-138									
	Marion - Harrison								
	01	0000CST			0	0	100K		Flood
	09	1500CST							
	Significant flooding developed on Caddo Lake in northeast Texas where several homes suffered flood damage. The flood waters were most pronounced in the area of Caddo Lake below the confluences of the Big, Little, and Black Cypress Bayous. Thirty homes, several camps, and secondary roadways were flooded in and around Uncertain, Texas. The Caddo Lake flooding was the fifth highest crest of record on the Black Cypress Bayou.								
Cass County Atlanta	02	0755CST			0	0	5K		Lightning
	Lightning struck a home resulting in a small house fire.								
Panola County 4 S Carthage	02	0915CST 1115CST			0	0			Heavy Rain
	Five inches of rain reported by Cooperative Observer in a two hour time span.								
Panola County Fairplay	02	1000CST			0	0			Flash Flood
	Excessive rainfall resulted in two feet of water across FM124 and closure of FM10.								
Panola County Gary	02	1000CST			0	0			Flash Flood
Shelby County Aiken	02	1607CST			0	0			Hail (0.75)
Angelina County 2 S Lufkin	02	1625CST			0	0			Hail (0.75)
Angelina County Lufkin	02	1629CST			0	0			Hail (0.88)
Angelina County Lufkin	02	1633CST			0	0			Hail (1.00)
Shelby County Joaquin	02	1910CST			0	0			Hail (0.75)
Cherokee County Alto	02	1930CST			0	0			Thunderstorm Wind (G80)
	Trees were toppled and several homes were damaged from the toppled trees.								
San Augustine County San Augustine	02	2058CST			0	0			Hail (1.75)
Sabine County Bronson	02	2140CST			0	0			Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, Northeast									
Sabine County									
Pineland	02	2140CST			0	0			Hail (1.75)
Sabine County									
Hemphill	02	2144CST			0	0			Hail (1.75)
Cherokee County									
Gallatin	14	1755CST			0	0			Hail (0.88)
Cherokee County									
1 S Gallatin	14	1830CST			0	0			Thunderstorm Wind (G60)
Cherokee County									
1 S Gallatin	14	1840CST			0	0			Hail (1.00)
Cherokee County									
Reese	14	1858CST			0	0			Hail (1.75)
Bowie County									
New Boston	27	0215CST			0	0			Thunderstorm Wind (G60)
Panola County									
Carthage	27	1133CST			0	0			Hail (0.75)
Panola County									
3 NE Tatum	27	1330CST			0	0			Hail (1.25)
Cass County									
Douglassville	27	1410CST			0	0			Hail (0.75)
Marion County									
Jefferson	27	1410CST			0	0			Hail (2.75)
Marion County									
Jefferson	27	1415CST			0	0			Hail (1.75)
Marion County									
Jefferson	27	1450CST			0	0			Hail (1.75)
Cass County									
Atlanta	27	1502CST 1508CST			0	0			Hail (1.00)
Harrison County									
Elysian Flds	27	1520CST			0	0			Hail (1.75)
Harrison County									
Marshall	27	1530CST 2215CST			0	0			Flash Flood
<p>Slow moving thunderstorms caused flooding across most of the city. Severe flooding was reported in the areas of U.S. Hwy 59 and U.S. Hwy 80. Several homes had up to two feet of water in them in the Pecan Ridge Subdivision. Several other homes on Harper, Warren and Country Club roads had water in them. Rain totals reached seven inches. The high water also led to many road closures including some roads and bridges being washed out.</p>									
Bowie County									
2 W Redwater	27	1620CST			0	0			Hail (1.00)
Bowie County									
Maud	27	1627CST			0	0			Hail (1.00)
Bowie County									
10 NE Maud	27	1632CST			0	0			Hail (1.00)
Bowie County									
Maud	27	1642CST			0	0			Hail (1.75)
Panola County									
Carthage	27	1850CST			0	0			Hail (1.75)
Angelina County									
2 N Lufkin	27	2205CST			0	0			Hail (0.75)
Angelina County									
2 N Lufkin	27	2205CST			0	0			Tstm Wind/Hail
<p>Numerous reports of trees and powerlines down resulting in most of the city without power.</p>									
Angelina County									
10 S Lufkin	27	2225CST			0	0			Hail (2.75)
Smith County									
Flint	30	1910CST			0	0			Thunderstorm Wind (G60)
<p>Numerous trees toppled across the area.</p>									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Northeast

Cherokee County

Jacksonville 30 1925CST 0 0 **Thunderstorm Wind (G60)**
 Several reports of trees down in town. A couple of trees fell across powerlines resulting in power outages.

Nacogdoches County

2 W Douglass 30 2030CST 0 2 **Thunderstorm Wind (G60)**
 Trees were toppled across the area. A two car accident occurred when cars slammed into one of the fallen trees.

TEXAS, South

Jim Hogg County

16 S Hebbbronville 12 1928CST 0 0 **Hail (1.00)**

Jim Hogg County

30 S Hebbbronville 12 2020CST 0 0 **Hail (1.50)**

Starr County

10 SW La Gloria 12 2145CST 0 0 **Hail (1.00)**

Starr County

Rincon 12 2215CST 0 0 **Hail (0.75)**

Jim Hogg County

2 NE Hebbbronville 12 2315CST 0 0 **Hail (1.00)**

Jim Hogg County

Hebbbronville 12 2320CST
 2340CST 0 0 10K **Thunderstorm Wind (G80)**
 EXTENSIVE TREE DAMAGE

Starr County

La Casita 15 1715CST 0 0 **Hail (0.75)**

Starr County

San Carlos 15 1839CST 0 0 **Hail (1.75)**

Starr County

10 W La Gloria 15 1855CST 0 0 **Hail (1.50)**

Hidalgo County

Mc Cook 15 1950CST 0 0 **Hail (0.75)**

Hidalgo County

3 SSW Mc Cook 15 2320CST
 2345CST 0 0 **Hail (0.75)**

Jim Hogg County

16 WSW Hebbbronville 27 2145CST 0 0 2K **Thunderstorm Wind**

Zapata County

Zapata 27 2145CST 0 0 5K **Thunderstorm Wind (G60)**

Starr County

San Carlos 27 2200CST 0 0 2K **Thunderstorm Wind**

Jim Hogg County

Guerra 27 2245CST 0 0 4K **Thunderstorm Wind (G70)**

Starr County

16 NE Rio Grande City to 12 NE Rio Grande City 27 2300CST
 2315CST 0 0 7K **Tstm Wind/Hail**

Jim Hogg County

Hebbbronville 27 2315CST 0 0 2K **Thunderstorm Wind**

Starr County

4 E San Carlos 27 2315CST 0 0 1K **Thunderstorm Wind**

Hidalgo County

Sullivan City 28 0000CST 0 0 1K **Thunderstorm Wind**

TEXAS, South Central

TXZ183>184-202>204-217>220-228 **Val Verde - Edwards - Kinney - Uvalde - Medina - Maverick - Zavala - Frio - Atascosa - Dimmit**

01 0001CST 0 0 2M 6M **Drought**
 31 2359CST

Scattered showers and thunderstorms again added moisture to soils across South Central Texas. As in the past several months, the rain was mainly along and northeast of Kerrville to San Antonio to Karnes City line. Southwest of this area, drought conditions improved slightly during May. Monthly damages are based on the estimated annual loss to agriculture across all of Texas through this year. Property damages do not include business or commercial revenue losses.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, South Central									
Medina County 1 N Lacoste	12	1600CST 1610CST			0	0	0	0	Thunderstorm Wind
			Severe winds blew down large tree limbs.						
Val Verde County 2 W Del Rio	12	1610CST 1615CST			0	0	0	0	Hail (1.00)
Karnes County 6 N Karnes City	12	1800CST 1810CST			0	0	10K	0	Thunderstorm Wind
			Severe winds damaged a mobile home near Karnes City.						
Comal County Bulverde	15	1510CST 1515CST			0	0	0	0	Hail (1.50)
Dimmit County Carrizo Spgs	15	1550CST 1555CST			0	0	0	0	Hail (0.88)
Dimmit County 2 S Carrizo Spgs	15	1555CST 1600CST			0	0	0	0	Hail (0.75)
Bandera County Pipecreek	15	1600CST 1605CST			0	0	0	0	Hail (0.75)
Frio County 16 SE Pearsall	15	1600CST 1605CST			0	0	0	0	Hail (0.75)
Bexar County San Antonio	15	1625CST 1630CST			0	0	0	0	Hail (1.00)
Bexar County San Antonio	15	1645CST 1650CST			0	0	0	0	Hail (1.00)
Bexar County Kelly Afb	15	1650CST 1655CST			0	0	0	0	Hail (1.50)
Bexar County San Antonio	15	1709CST 1720CST			0	0	0	0	Hail (0.75)
Bexar County 5 NE San Antonio	15	1715CST 1720CST			0	0	0	0	Hail (0.75)
Bexar County 10 NW San Antonio	15	1715CST 1720CST			0	0	0	0	Hail (0.75)
Bexar County St Hedwig	15	1800CST 1803CST			0	0	5K	0	Thunderstorm Wind
			Widespread reports received from St. Hedgwick of trees blown over by severe winds.						
Atascosa County Hindes	15	1635CST 1640CST			0	0	0	0	Hail (1.00)
Llano County Llano	15	1825CST			0	0	3K	0	Thunderstorm Wind
			Sheriff's department reported utility poles blown over.						
Hays County San Marcos	15	1835CST 1840CST			0	0	0	0	Hail (0.88)
Guadalupe County New Braunfels	15	1930CST 1935CST			0	0	0	0	Thunderstorm Wind
			Wind damage was reported to trees in and around the NWS office. NWS equipment had been rendered inoperable by the severe						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, South Central									
									winds.
Karnes County									
Hobson	15	1930CST 1935CST			0	0	0	0	Hail (0.75)
Wilson County									
La Vernia	15	1945CST 1950CST			0	0	5K	0	Thunderstorm Wind
									Wind damage reported to outbuildings. Several trees uprooted by the severe winds.
Lavaca County									
Shiner	16	0001CST 0030CST			0	0	0	0	Flash Flood
									Roads reported closed in and around Shiner due to high water.
Val Verde County									
Pandale	19	1625CST 1630CST			0	0	0	0	Hail (1.00)
Maverick County									
7 S El Indio to 7 S Eagle Pass	19	1900CST 1905CST			0	0	5K	0	Thunderstorm Wind
									Numerous large limbs blown out of trees and phone lines blown down by high winds.
Kinney County									
Brackettville	19	1945CST 1950CST			0	0	5K	0	Thunderstorm Wind
									Numerous cable and power lines were blown down by high winds.
Maverick County									
Eagle Pass	19	2030CST 2100CST			0	0	10K	0	Flash Flood
									Brief flash flooding in Eagle Pass forced the evacuation of one family from their home.
Kerr County									
1 SW Ingram	19	1950CST 1955CST			0	0	0	0	Hail (1.50)
Gillespie County									
Fredericksburg	19	2000CST 2010CST			0	0	0	0	Thunderstorm Wind
									Tree damage reported by the Sheriff's Department in downtown Fredericksburg.
Gillespie County									
Countywide	19	2030CST 2200CST			0	0	30K	0	Flash Flood
Kerr County									
Countywide	19	2030CST 2200CST			0	0	10K	0	Flash Flood
Bandera County									
Countywide	19	2100CST 2230CST			0	0	20K	0	Flash Flood
Blanco County									
Countywide	19	2115CST 2230CST			0	0	10K	0	Flash Flood
Kendall County									
Countywide	19	2130CST 2230CST			0	0	3K	0	Flash Flood
Medina County									
Countywide	19	2200CST 2330CST			0	0	5K	0	Flash Flood
									General 3 inch rainfall in under 3 hours across the counties, with isolated totals in Gillespie County to near 5 inches produced widespread flash flooding as reported by Amateur Radio Spotters. Widespread flash flooding forced roads closings across the multi-county area.
Frio County									
Pearsall	19	2230CST 2240CST			0	0	10K	0	Thunderstorm Wind
									Department of Public Safety personnel reported power lines down in Pearsall.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Property Damage	Crops	Character of Storm
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TEXAS, South Central

Val Verde County

1 N Pandale 20 1605CST
1620CST 0 0 0 0 **Hail (1.00)**

Lavaca County Countywide

21 1700CST
1900CST 0 0 10K 0 **Flash Flood**
Nearly 4 inches of rain countywide in less than 2 hours caused widespread road closures due to flash flooding, mostly between Yoakum and Hallettsville.

Travis County Countywide

23 1700CST
1830CST 0 0 50K 0 **Flash Flood**

Hays County Countywide

23 1800CST
1830CST 0 0 10K 0 **Flash Flood**
General rainfall of 2 to 4 inches in under 3 hours produced widespread flash flood. The worst in Hays County was along the southwest part of the county, near the Comal County line. Numerous rescues were reported across Travis County.

Fayette County Schulenburg

24 1300CST
1310CST 0 0 5K 0 **Thunderstorm Wind**

Severe winds blew over trees and power lines in Schulenburg.

De Witt County Countywide

24 1530CST
2100CST 0 0 5K 0 **Flash Flood**

Lavaca County Countywide

24 1530CST
1900CST 0 0 5K 0 **Flash Flood**
Widespread flash flooding was reported over Lavaca and DeWitt Counties as a result of rain totals nearing 3 inches countywide. The most severe flooding took place from Cuero to Hallettsville.

Williamson County

3 N Jarrell to 1 NW Jarrell 27 1425CST
1433CST 2 200 0 0 0 0 **Tornado (F2)**

Williamson County

1 NW Jarrell to 1 W Jarrell 27 1435CST
1439CST 0.5 150 0 0 0 0 **Tornado (F2)**

Williamson County

1 W Jarrell to 5.5 SW Jarrell 27 1440CST
1453CST 5.1 650 27 12 40M 100K **Tornado (F5)**

??PH, ??MH, ??MH, ??MH, ??MH, ??MH, ??MH, ??MH, ??MH, ??MH, ??MH

Several eyewitnesses reported that the Jarrell tornado was preceded for a period of 8 to 10 minutes by a series of short-lived very small tornadoes that formed from the same supercell thunderstorm. These touched down, then dissipated in order.

The first tornado in Williamson County formed near 2:25 pm CST and built rapidly to F2 strength. It survived for approximately 8 minutes, often returning briefly to a roped and tilted feature before it died. This tornado was followed by a second that formed near 2:35 pm CST. It built quickly into a multi-vortex tornado that appeared to be near F2 strength as well. This dissipated after only 4 minutes.

The final tornado from this same supercell, the Jarrell Tornado, developed as a small...rope-shaped tornado, touching down around 2:40 pm CST inside the Williamson County line northwest of Jarrell. From film and eyewitness accounts, it expanded quickly into a very large vortex nearly 1/2 mile in width. Observations recounted by eyewitnesses indicated that the damage path may not have been made strictly by one tornado. A number of eyewitnesses reported seeing several small, rope-like funnels before the character of the tornado changed drastically into the killer tornado. Ground damage patterns in the Double Creek Subdivision also suggested this possibility.

The tornado crossed CR 308, CR 305, and then CR 307. Where the tornado crossed each of these county roads, approximately 525 feet of asphalt was ripped off each of the roadways. This particular destruction was believed to be very close to the centerline of the tornado circulation. As the tornado crossed the intersection of CR 305 and 307, a business on the corner was destroyed. The tornado moved into the Double Creek area at this point with total destruction. F5 destruction continued from shortly after its formation until very close to the end of the damage path.

The tornado began a brief turn toward the southeast as it entered the Double Creek subdivision and the surrounding area, moving

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, South Central

very slowly. It reached the subdivision at 3:48 pm. This time is based on a clock found at a destroyed residence in the extreme northwest corner of the subdivision and the home believed to be the first struck by the tornado. Here, it widened to its maximum width of three-quarters of a mile. From the air, the ground appearance changed abruptly in the vicinity of CR 308 and continued until very near the end of the path. No definitive circulation patterns or suction spots were evident, but there was the noted obvious change in the appearance of the ground. In the Double Creek area, approximately 40 structures were totally destroyed. One of the most striking signs in approaching this area was the distinct lack of debris of any size. Closer inspection showed lots of little debris but no sign of large items. It was estimated that several dozen vehicles had been in the subdivision and removed by the tornado. Nearly 300 cattle grazing in a pasture near the subdivision were also killed, with many of them tossed and blown for over 1/4 mile. At least half a dozen cars were identified from the air lying in the open areas, most of them flattened and encrusted with mud and grass. Trees in the subdivision were completely stripped of bark. Later ground survey revealed that most of the debris that was left in the area was extremely small indicating the power of the tornadic wind. All 27 deaths associated with the Jarrell tornado occurred in the Double Creek area. Eyewitnesses reported that it appeared to have slowed down as it entered the subdivision, and that may account for the nearly total destruction that took place.

After passing through the Double Creek area, the tornado shifted its track again slightly, moving toward the south-southwest across CR 309 and into a heavily wooded area of cedar trees. The total destruction of the tornado ends abruptly shortly after entering the wooded area. However, a small swath of tree damage on the north side of the main damage path suggested the possibility of a multiple vortex pattern. No other evidence of multiple vortices was observed.

The sequence of weather phenomenon reported with this tornado was exactly opposite of that often reported- the tornado first appeared, followed by nearly calm conditions, then hail, followed by rain and finally brief, gusty winds. This is attributed to the fact that the parent supercell was moving toward the southwest for most of its life. The storm essentially "backed into" the area as it moved.

Edwards County 8 E Carta Vly	27	1500CST 1505CST			0	0	0	0	Hail (2.00)
Real County 10 W Leakey	27	1510CST 1515CST			0	0	0	0	Hail (0.75)
Edwards County Carta Vly	27	1515CST 1520CST			0	0	0	0	Hail (0.75)
Edwards County 26 SW Rocks Spgs	27	1525CST 1530CST			0	0	0	0	Hail (1.50)
Edwards County Carta Vly	27	1600CST 1700CST			0	0	0	0	Flash Flood
									Heavy rain over the western part of the county caused brief road closings and flash flooding near Carta Valley.
Edwards County 26 SW Rocks Spgs	27	1630CST 1635CST			0	0	0	0	Hail (1.50)
Val Verde County Comstock	27	1715CST 1720CST			0	0	0	0	Hail (1.50)
Uvalde County Sabinal	27	1735CST 1740CST			0	0	0	0	Hail (1.50)
Uvalde County 5 W Utopia	27	1745CST 1746CST			0	0	0	0	Funnel Cloud
Uvalde County 7 S Utopia	27	1800CST 1803CST	0.2	20	0	0	0	0	Tornado (F0)
									Amateur Radio spotters relayed a report of a tornado sighted by a Sheriff's Deputy.
Val Verde County Del Rio	27	1845CST 1850CST			0	0	0	0	Hail (0.75)
Val Verde County Del Rio	27	1930CST 1935CST			0	0	0	0	Hail (0.88)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, South Central

Val Verde County

Laughlin Afb	27	1936CST 1938CST			0	0	0	0	Thunderstorm Wind (G53)
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Val Verde County

6 E Comstock	27	2000CST 2010CST			0	0	0	0	Hail (1.50)
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Val Verde County

Countywide	27	2000CST 2030CST			0	0	15K	0	Flash Flood
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Up to 3 inches of rain in under 2 hours produced flash flooding over the southern part of the county. Highway 90 was closed from Del Rio to Comstock. Widespread flooding of streets was also reported in the city of Del Rio.

Williamson County

3.5 N Cedar Park to 2 SW Cedar Park	27	1505CST 1511CST	5.6	200	0	15	70M	50K	Tornado (F3)
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Travis County

6.5 NW Four Pts to 3.5 NW Four Pts	27	1511CST 1515CST	3.6	100	0	0	50K	10K	Tornado (F2)
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The Cedar Park tornado formed around 3:05 pm CST from a different supercell thunderstorm. It first touched down about 3.5 miles north of Cedar Park at a location 0.6 miles south of CR 178 and 1.4 miles east of the intersection of US 183 and CR 178. The initial damage was to trees, however, the ground survey revealed damage nearby to a church and a trucking company. The aerial survey did not reflect this damage as being in line with the damage path. It is quite possible this damage was caused by strong wind near the tornado. The beginning point was in a relatively open area with damage primarily to a few trees and minor shingle damage to one house.

The tornado moved south-southwestward skirting a residential area before it crossed CR 180 immediately east of US 183. A historic train located on the north side of CR 180 just to the east of US 183 was in the direct path of the tornado. While the engine remained on the track, a coal tender converted to hold diesel fuel and weighing approximately 65,000 pounds including the 1,000 gallons of diesel fuel was flipped over and thrown a short distance.

Continuing across CR180, it entered a shopping center where it weakened and pushed inward slightly the north wall of a grocery store. It also pushed large metal doors inward that were built to open toward the outside. Damage at this point had been generally F2 with brief F3 as the tornado knocked the train tender off the track and damaged the wall and doors of the food store. It tore off much of a weakly supported roof of a grocery store. The manager of the store, who had been a victim of the Wichita Falls Tornado of 1979, saw the approaching tornado, and made an announcement to all in the store to meet him in the middle of the store. He then led everyone he could gather into the meat locker. This very quick and decisive action probably saved several lives.

The tornado crossed US 183 causing additional damage to a number of businesses. One business on the west side of US 183 lost nearly the entire roof. Most damage to other businesses was believed to be minor. After crossing US 183 the tornado moved across Marquis Lane and North Park Circle moving through an area with widely scattered housing and a relative abundance of trees. Again, most damage to structures in this area was minor.

From North Park Circle the tornado moved into the northwestern portion of Buttercup Creek, a subdivision of well constructed homes. Damage to homes was irregular with one house losing a roof but the house next door losing only shingles. Two homes in the area were nearly destroyed and one damaged when a pickup truck was lifted and tossed against its front wall. Eleven homes were destroyed, with damage reported to over 100 homes. The damage level ranged from F0 to F2. At this point, the tornado track was taking a gentle right turn as the tornado track became more southwesterly. The tornado moved into a wooded area crossing into Travis County before ending 1.1 miles from Lake Travis. Damage in the wooded area was irregular ranging from near total destruction of all trees to sections with about 10 percent of the trees down.

Travis County

.5 NW Four Pts to 1 W Four Pts	27	1515CST	0.2	20	0	0	5K	0	Tornado (F1)
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The tornado appeared briefly near the intersection of FM2222 and Anderson Mill in northwest Travis County.

Travis County

.5 W Lakeway to 3 NW Beccaves	27	1550CST	5.6	440	1	5	15M	0	Tornado (F4)
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M25MH

The Pedernales Valley tornado began on the shore of Lake Travis destroying trees and a floating marina where nearly all of the watercraft were destroyed. While numerous trees were twisted and uprooted in this area, several structures sustained only what appeared to be minor damage that would be no more than F0. The tornado was initially moving westward as it moved into rough terrain. A number of structures sustained varying damage until the tornado reached Bee Creek Road. At that location, a Southwest Bell building housing telephone switching equipment was destroyed. The building was well constructed and was one of several buildings which indicated at F4 rating for this tornado. Bee Creek Road takes a bend close to the telephone building and across the street a house was destroyed with walls knocked down.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, South Central

Approximately 2.2 miles from the lake, the tornado path takes a distinct dog leg turn toward the southwest. The point at which this dog-leg turn occurred also corresponds with a knoll. Trees and buildings at the top of the knoll were destroyed. After the dog-leg turn, the tornado assumed a heading of 250 degrees and crossed a major power distribution line. One steel tower was destroyed bringing all lines to the ground. The tornado remained on the 250 degree heading moving through the area described as the Hazy Hills subdivision. Numerous houses and several mobile homes were totally destroyed. Several houses survived but sustained major damage making them totally uninhabitable.

The only death associated with this tornado occurred here when one man was killed. He lived in a mobile home that was demolished and his vehicle was tossed several hundred feet. Other survey team members were unable to learn whether he was in the mobile home or had left it to drive away.

The tornado continued west-southwest moving across State Road (SR) 71. A number of well built homes in the Hazy Hills subdivision were heavily damaged or destroyed. Crossing SR 71, the tornado moved into another subdivision with widely separated houses in the Lick Creek valley, a steep walled creek that feeds into the Pedernales River. One stone-walled house located just north of Pedernales Drive and west of SR 71 was completely deroofed. Other structures in this subdivision sustained roof damage in the F2 range. After following the terrain into the creek it climbed another rise in the land before ending shortly after passing the crest of the small hill. As the tornado ended, damage was minimal to trees.

Williamson County

Round Rock	27	1537CST 1540CST			0	0	0	0	Thunderstorm Wind (G52)
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Travis County

Austin	27	1600CST 1700CST			0	0	5K	0	Flash Flood
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Travis County

Austin	27	1615CST F38OT			1	0	0	0	Thunderstorm Wind (G56)
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Heavy rainfall associated with the tornadic thunderstorms produced 2 inches of rain over Shoal Creek, with brief flash flooding. The body of a woman was later discovered in Shoal Creek. She apparently drowned during the heavy rain event, with her time of death estimated at 1600CST. Severe wind gusts to 56 knots were observed at Robert Mueller Airport in Austin.

Hays County

2 N Kyle to 3 W Kyle	27	1638CST 1645CST	3.5	60	0	0	5K	0	Tornado (F1)
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A small tornado knocked over trees and power lines in the area just north and west of Kyle.

Bastrop County

Elgin	27	1735CST 1740CST			0	0	0	0	Hail (0.88)
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Guadalupe County

Seguin	27	1740CST 1745CST			0	0	20K	0	Thunderstorm Wind
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Severe winds blew a plane over on its top at the Seguin airport.

Hays County

San Marcos	27	1745CST 1750CST			0	0	0	0	Hail (0.75)
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Kendall County

1 NW Sisterdale to 1 W Sisterdale	27	1830CST 1832CST	0.7	30	0	0	0	0	Tornado (F0)
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Amateur Radio spotters observed a small, short-lived tornado near Sisterdale.

Gonzales County

Wrightsboro	27	1835CST 1837CST			0	0	0	0	Funnel Cloud
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Gonzales County

Leesville	27	1845CST 1855CST			0	0	0	0	Thunderstorm Wind
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Trees were blown down by severe winds.

Gonzales County

2 N Nixon	27	1915CST 1920CST			0	0	0	0	Hail (1.50)
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Bexar County

Kelly Afb	27	1903CST 1905CST			0	0	50K	0	Thunderstorm Wind (G106)
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Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, South Central									
Bexar County									
San Antonio	27	1903CST			0	0	20K	0	Thunderstorm Wind (G62)
									Severe downburst winds estimated in excess of 100 mph produced widespread damage across much of the southwest part of San Antonio. Widespread minor damage was reported to roofs and outbuildings, windows, signs and trees in the area. Wind gusts to 62 knots were measured by an NWS employee at his home in San Antonio. Power lines were blown down, with power out for several hours to over 100,000 persons.
Frio County									
1 NE Moore to 1 E Moore	27	1920CST 1925CST			0	0	0	0	Hail (0.88)
Frio County									
1 NE Moore to 1 E Moore	27	1920CST 1923CST	1	40	0	0	0	0	Tornado (F0)
									The tornado, observed by the Sheriff in open country, was accompanied by nickle-sized hail.
Atascosa County									
Pleasanton	27	1930CST 1940CST			0	0	30K	0	Thunderstorm Wind
									Severe winds blew over trees with some landing on automobiles and causing damage.
Frio County									
Pearsall	27	1930CST 1935CST			0	0	0	0	Hail (1.50)
Medina County									
Devine	27	1930CST 1935CST			0	0	0	0	Hail (0.75)
Frio County									
Dilley	27	1955CST 2000CST			0	0	0	0	Hail (1.00)
Frio County									
Countywide	27	2000CST 2200CST			0	0	5K	0	Flash Flood
									Numerous roads were closed across the county due to heavy rainfall.
Wilson County									
6 SW La Vernia	27	2000CST 2010CST			0	0	3K	0	Thunderstorm Wind
									Trees were uprooted with large limbs broken off by severe winds.
Dimmit County									
Brundage	27	2015CST 2020CST			0	0	0	0	Hail (0.75)
De Witt County									
Countywide	27	2025CST 2030CST			0	0	5K	0	Thunderstorm Wind
									Trees and power lines were knocked down by severe winds across much of the county.
Blanco County									
Countywide	27	1930CST 2100CST			0	0	10K	0	Flash Flood
Kendall County									
Countywide	27	1930CST 2100CST			0	0	20K	0	Flash Flood
									Up to 3 inches of rain in general over the two counties, with isolated higher amounts caused flash flooding over most roads.
Gonzales County									
Countywide	27	1930CST 2130CST			0	0	10K	0	Flash Flood
									Numerous roads were closed over Gonzales County due to heavy rain.
Williamson County									
Granger	30	1830CST 1835CST			0	0	0	0	Thunderstorm Wind (G52)
Blanco County									
Countywide	30	2020CST 2030CST			0	0	5K	0	Thunderstorm Wind
Llano County									
Countywide	30	2030CST 2045CST			0	0	10K	0	Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, South Central									
Gillespie County									
Cherry Spg	30	2240CST 2245CST			0	0	0	0	Hail (0.75)
Widespread damage to trees and power lines was reported. Also, numerous small buildings were blown down in Blanco and Llano Counties.									
De Witt County									
Cuero	31	0300CST 0335CST			0	0	10K	0	Thunderstorm Wind
Power lines were blown down by severe winds.									
TEXAS, South Panhandle									
Briscoe County									
3 W Quitaque	01	2159CST			0	0	0	0	Hail (1.75)
Floyd County									
9 S Floydada	01	2234CST			0	0	0	0	Hail (1.00)
Childress County									
Childress	01	2322CST			0	0	0	0	Hail (0.88)
Thunderstorms developed late on the 1st over the northeast South Plains along an advancing cold front. A few of the storms were severe. The Quitaque Fire Department reported golfball-size hail west of town. The Floyd County Sheriff's Office reported quarter-size hail south of Floydada. The public reported nickel-size hail in Childress.									
Parmer County									
8 S Friona	06	1820CST			0	0	0		Hail (1.00)
Castro County									
11 W Dimmitt	06	1845CST			0	0	0		Hail (0.75)
Castro County									
10 S Dimmitt	06	1907CST	0.1	20	0	0	0	0	Tornado (F0)
Castro County									
7 W Hart	06	1955CST			0	0	0		Hail (1.00)
Castro County									
9 SW Dimmitt	06	2013CST			0	0	0	0	Hail (0.75)
Castro County									
11 S Dimmitt	06	2030CST			0	0	0	25K	Hail (1.75)
Several severe storms affected Castro and Parmer Counties on the evening of the 6th. A weak, brief tornado was reported south of Dimmitt by an experienced storm chaser. The Castro County Sheriff's Office reported large hail at several locations within the county. Dime-size hail accumulated to 7 inches deep at Flagg (about 9 SW of Dimmitt).									
Floyd County									
4 WNW Lockney	07	1823CST			0	0	0	0	Hail (1.00)
Hale County									
1.5 E Cotton Center	07	1824CST			0	0	0	0	Hail (0.88)
Floyd County									
Lockney	07	1830CST			0	0	0	0	Hail (1.00)
Floyd County									
1 E Lockney	07	1848CST			0	0	0	0	Hail (1.50)
Severe storms hit Floyd and Hale counties on the evening of the 7th. The Floyd County Sheriff's Office, the public, and tornado researchers reported large hail in and near Lockney. Also the public reported nickel-size hail near Cotton Center in Hale County.									
Hall County									
8 SSW Lakeview	08	1720CST			0	0	0	0	Hail (1.75)
Hall County									
11 W Estelline	08	1740CST			0	0	0	0	Hail (1.00)
Yoakum County									
14 WSW Plains	08	1800CST			0	0	0	0	Hail (1.75)
Terry County									
Brownfield	08	1945CST			0	0	0	0	Hail (1.00)
Yoakum County									
Denver City	08	1950CST			0	0	0	0	Hail (1.00)
Lubbock County									
Slaton	08	2007CST 2015CST			0	0	585K	0	Hail (1.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, South Panhandle									
Lynn County									
6 NE Wilson	08	2010CST 2020CST			0	0	5K	0	Hail (2.00)
The evening of May 8, 1997 produced severe weather in several counties on the South Plains and over Hall County in the extreme southern Texas Panhandle. Golfball-sized hail hit the town of Slaton in SE Lubbock County breaking 40 windows at a local church and causing extensive roof damage at an elementary school. Several car dealerships reported hail damage to numerous vehicles. Also, residential areas were extensively damaged. Golfball-sized hail also occurred in rural parts of Hall County and in western Yoakum County near the stateline.									
Garza County									
4 SSW Justiceburg	14	1825CST			0	0	0	0	Hail (2.00)
Garza County									
4 SSW Justiceburg	14	2240CST			0	0	0	0	Hail (2.00)
Stonewall County									
10 S Aspermont	15	0100CST			0	0	5K	0	Hail (2.75)
Stonewall County									
Aspermont	15	0115CST			0	0	0	0	Hail (0.75)
Severe thunderstorms developed over Garza and Stonewall Counties late at night on the 14th and early on the 15th. These storms produced large hail near Justiceburg and south of Aspermont though little damage was reported.									
Hale County									
7 NW Petersburg	18	1838CST			0	0	0	0	Hail (1.75)
Hale County									
6 WNW Petersburg	18	1905CST			0	0	0	0	Hail (1.75)
The Hale County Sheriff's Office reported a severe thunderstorm produced golfball-sized hail near Petersburg.									
Swisher County									
14 WSW Tulia	22	1910CST			0	0	0	0	Hail (0.75)
Swisher County									
8 W Tulia	22	1925CST			0	0	0	0	Hail (1.00)
Swisher County									
2 W Kress	22	1929CST			0	0			Funnel Cloud
Swisher County									
14 W Kress	22	1940CST	0.1	10	0	0	0	0	Tornado (F0)
Swisher County									
7 SW Tulia	22	1955CST			0	0	0	0	Hail (1.75)
Swisher County									
7 NW Kress	22	2005CST			0	0	0	0	Hail (1.00)
Swisher County									
8 W Tulia	22	2015CST 2115CST			0	0	0	0	Flash Flood
Swisher County was affected by several severe thunderstorms on the evening of the 22nd. An brief, weak tornado was reported by a storm chaser west of Kress. The Tulia Police Department reported large hail northwest of Kress and west of Tulia. They also reported that FM road 1424 was flooded in the western part of the county. Also, the public reported golfball-sized hail 7miles SW of Tulia.									
Briscoe County									
Quitaque	23	1604CST			0	0	0	0	Hail (1.00)
Briscoe County									
Quitaque	23	1615CST			0	0	0	0	Hail (1.00)
Briscoe County									
15 E Silverton	23	1700CST			0	0	0	0	Hail (1.75)
Briscoe County									
3 SE Quitaque	23	1745CST 1900CST			0	0	0	0	Flash Flood
Severe thunderstorms occurred over Briscoe County during the evening of the 23th. The Quitaque Fire Department reported quarter-sized hail in the city of Quitaque and FM road 599 was flooded southeast of Quitaque with 1-3 feet of water. Golfball-sized hail was reported at Caprock Canyons State Park by park officials.									
Lubbock County									
Lubbock	23	1745CST			0	0	5K		Lightning
Lightning struck a tree and caused a house fire that resulted in \$5000 damage.									
Crosby County									
Ralls	24	1630CST			0	0	0	0	Hail (1.00)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, South Panhandle									
Crosby County									
7 S Ralls	24	1710CST			0	0	0	0	Hail (1.00)
	Severe thunderstorms developed over Crosby County during the early evening on the 24th. A storm chaser reported quarter-sized hail 7 miles south of Ralls.								
Castro County									
1 SE Hart	28	1310CST			0	0	0	0	Hail (0.75)
Floyd County									
2 N Aiken	28	1430CST			0	0	0	0	Hail (0.75)
Parmer County									
1 N Friona	28	1657CST			0	0	0	0	Hail (1.00)
Parmer County									
Friona	28	1657CST			0	0	0	0	Hail (1.75)
Parmer County									
Friona	28	1709CST			0	0	0	0	Hail (2.00)
Parmer County									
9 SE Friona	28	1715CST			0	0	0	0	Hail (0.88)
Parmer County									
3 N Lazbuddie	28	1730CST			0	0	0	0	Hail (0.88)
Lamb County									
6 WNW Earth	28	1814CST			0	0	0	0	Hail (1.75)
Lamb County									
7 N Amherst	28	1845CST			0	0	0	0	Hail (1.75)
Parmer County									
Bovina	28	1913CST			0	0	0	0	Hail (1.75)
Lamb County									
10 NE Littlefield	28	1920CST			0	0	0	0	Hail (1.75)
Bailey County									
5 N Muleshoe	28	1950CST			0	0	0	0	Hail (1.00)
Bailey County									
2 S Muleshoe	28	2015CST			0	0	0	0	Hail (1.00)
Bailey County									
3 E Needmore	28	2042CST			0	0	0	0	Hail (1.00)
Hockley County									
Levelland	28	2150CST			0	0	0	0	Hail (0.75)
Terry County									
Brownfield	28	2300CST			0	0	5K	0	Thunderstorm Wind (G55)
	Severe thunderstorms occurred across the northwest portions of the South Plains and over the extreme southwest Texas Panhandle. Large hail fell over Parmer and Lamb Counties during the evening. The Friona Police Department reported up to 2" diameter hail in Friona. The Lamb County Sheriff's Office reported golfball-sized hail at several locations in the county. The thunderstorms moved south southeast and weakened, but still produced dime-sized hail in Levelland (reported by the public) and 55 knot winds in Brownfield. The Brownfield emergency manager reported a barn was damaged by the high wind.								
Hale County									
2 S Plainview	29	0737CST			0	0	0	0	Hail (0.88)
Lynn County									
Odonnell	29	1907CST			0	0	0	0	Hail (0.75)
Swisher County									
Happy	29	2117CST			0	0	0	0	Hail (1.50)
Swisher County									
Tulia	29	2200CST			0	0	0	0	Hail (0.88)
Swisher County									
1 E Kaffir	29	2203CST			0	0	0	0	Hail (1.00)
Swisher County									
Tulia	29	2214CST			0	0	0	0	Hail (1.00)
Castro County									
5.5 W Dimmitt	29	2225CST			0	0	0	0	Hail (0.75)
Briscoe County									
Quitaque	29	2250CST			0	0	0	0	Hail (0.75)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, South Panhandle									
Lamb County									
Earth	29	2305CST			0	0	0	0	Hail (1.00)
Lamb County									
2 E Earth	29	2320CST			0	0	0	0	Hail (1.00)
Lamb County									
Hart Camp	29	2346CST			0	0	0	0	Hail (1.00)
Swisher County									
Tulia	30	0046CST			0	0	0	0	Hail (0.75)
Swisher County									
Tulia	30	0118CST			0	0	0	0	Hail (0.75)
Hale County									
Petersburg	30	0230CST			0	0	0	0	Hail (0.75)
Hale County									
4 N Petersburg	30	0241CST			0	0	0	0	Hail (0.88)
Floyd County									
5 W Mc Coy	30	0250CST			0	0	0	0	Hail (1.25)
Hale County									
1 N Petersburg	30	0250CST	0.1	10	0	0	0	0	Tornado (F0)
Crosby County									
2 N Ralls	30	0309CST			0	0	0	0	Hail (1.00)
Crosby County									
1 NE Ralls	30	0322CST			0	0	0	0	Hail (1.00)
The most widespread severe weather event of the month occurred on the 29th and into the morning of the 30th. Numerous reports of dime- to quarter-sized hail were received from O'Donnell, Happy, Tulia, Quitaque, Dimmitt, Earth, Petersburg, and Ralls. A brief, weak tornado was reported just north of Petersburg by the Hale County Sheriff's Office.									
TEXAS, Southeast									
Jasper County									
Jasper	27	2330CST			0	0	5K		Thunderstorm Wind
A few trees fell down on power lines during a severe thunderstorm.									
Tyler County									
Colmesnelle	30	2259CST			0	0	20K		Thunderstorm Wind
Severe thunderstorm winds blew trees down from Colmesnelle to Doucette and Hillister.									
TEXAS, West									
Pecos County									
Ft Stockton	07	1645CST			0	0			Hail (0.75)
Gaines County									
3 NE Higginbotham	08	1726CST			0	0			Hail (1.75)
This storm was one of a series of storms that formed along a cold front that was moving southward through the southern parts of the Texas South Plains. The storm first developed in the northwest corner of Gaines county and moved little as it intensified into a multicell cluster.									
Scurry County									
Snyder	08	1815CST			0	0			Hail (1.00)
Another storm that formed along the cold front and moved southward into Scurry County.									
Gaines County									
9 W Seminole	08	1824CST			0	0	1M		Hail (1.75)
The Higginbotham storm began to move southward and dropped hail in the Paynes Corner area. Cotton in the area was heavily damaged.									
Scurry County									
6 NW Snyder	08	1845CST			0	0			Hail (1.00)
Andrews County									
10 NNW Andrews	08	1926CST 1931CST	0.8	100	0	0			Tornado (F1)
Tornado formed about 4.5 miles west of the intersection of U.S. Highway 385 and FM 1967. Reported by SKYWARN spotter. This storm entered from Gaines County and became a supercell. The storm was moving to the right of the upper flow, partly due to its dependence on the front for a low-level focus.									
Gaines County									
13 NE Seminole	08	2025CST			0	0	300K		Hail (2.75)
A strong storm moving over the frontal boundary to the northeast in rural Gaines County.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, West									
Gaines County 13 W Seagraves	08	2040CST			0	0	6K		Thunderstorm Wind
	Roof blown off a structure 1-2 miles east of State Highway 214 on State Highway 83. Strong outflow winds in a slightly bowing multicell complex.								
Gaines County Seagraves	08	2044CST			0	0	2.5M	500K	Hail (3.00)
	Baseball size hail and larger smashed the windshield of a Police cruiser and shattered windows in several homes. Power was knocked out around town as well. Autos and roofs of houses were smashed by the large hail and accounted for much of the damage total. A local insurance agent said the damage was the worst in 20 years in Seagraves.								
	Storms that were moving eastward into the Seagraves area had been a multicell cluster, but just before arriving at Seagraves one cell developed briefly into an HP Supercell.								
Ector County 3 SW Odessa	08	2345CST 2355CST			0	0	10K		Hail (2.75)
Ector County 3 SW Odessa	08	2350CST			0	0	20K		Thunderstorm Wind
	Hail up to baseball size and very heavy rains and high winds combined to cause problems in the southwestern parts of Odessa. A mobile home had its roof blown off by high winds, and windows were knocked out in several houses. Also hail was carried into low spots by running water and formed drifts that had to be scooped up by front-end loaders. Some street flooding was reported as well.								
	The storm came from a multicell cluster of showers moving eastward into the Permian Basin. As the cluster entered Ector County there was rapid intensification as the cluster intersected the southward moving cold front. An HP Supercell structure was noted briefly over southwestern Odessa that produced the large hail and high winds.								
	A very active evening with a cold front sagging into the region and southeast surface winds flowing into the mountains to help initiate deep convection. Dew point temperatures were near 60 degrees with surface temperatures in the upper 80s to lower 90s. The observed MAF sounding from this evening using the best (mean) parcel showed a lifted index of -10 (-8) and a CAPE of 3420 (2710) J/kg with no cap.								
	In Gaines County hail destroyed over 6000 acres of cotton.								
Midland County 3 SSE Midland	14	1553CST 1610CST			0	0	30K		Hail (2.75)
Midland County 5 SSE Midland	14	1610CST 1628CST			0	0			Hail (1.75)
	The triple point marking the intersection of the dry line and a cold front was located near Midland with a thunderstorm developing over the southern sections of the city. As indicated on radar two inflow areas were established--on the north and west sides of the storm. Spotters were concentrating on the west side, but apparently the dominant updraft was on the north side as a wall cloud and possible funnels were reported. The 88D reflectivity gradient was strongest on the north side as well. A mesocyclone was never confirmed with the storm, but the updraft was extremely strong with reports of tennis ball and baseball hail reported.								
Gaines County 15 SE Seminole	14	1742CST			0	0			Hail (2.75)
	Four severe single cell storms were initiated along an outflow boundary in southern Gaines and Dawson Counties. The storm that produced this hail was second from the east in the line in rural areas.								
Dawson County 5 E Patricia	14	1751CST			0	0			Hail (2.50)
	This storm was the eastern-most in the line in rural Dawson Co.								
Andrews County 25 WNW Andrews	14	1923CST			0	0			Hail (1.50)
	This storm was the western-most in the line near the New Mexico state line.								
Martin County Stanton	14	2022CST			0	0			Hail (0.75)
	The storms in Dawson and Gaines Counties weakened as they moved southward, then sent out an outflow boundary that served as the focus for new development in Martin County. The character of these storms was much different as a cluster of very small cells formed versus the well-organized single cell to the north.								
Howard County Luther	14	2106CST			0	0			Hail (0.88)
	The cell that produced the hail in Luther was on the northern end of the cluster with the cell over Stanton.								

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, West									
Scurry County									
Fluvanna	14	1828CST			0	0			Hail (1.75)
A storm that developed in Garza County moved southward into northwestern Scurry County where the golfball size hail fell at Fluvanna.									
Borden County									
13 E Gail	14	1940CST			0	0			Hail (0.75)
Scurry County									
15 SW Snyder	14	1956CST			0	0			Hail (1.75)
The Fluvanna storm moved southward along the Borden/Scurry County line into the Knapp community.									
Ector County									
7 S Odessa	15	1832CST			0	0			Hail (1.75)
The dry line was located from west of Lubbock extending southward to west of Sanderson. Storms fired along this area of focus in the late afternoon. Temperatures were in the lower to mid 90s with dew points in the mid to upper 50s.									
Terrell County									
Dryden	19	1630CST			0	0			Hail (0.88)
A fast moving cold front served as the focus for storms in Terrell County. The front had pushed through the Permian Basin during the morning and early afternoon and was proceeding through southern Terrell County at maximum heating. The storms were quickly swept out of the area that evening as the storm continued to press southward.									
Presidio County									
Presidio	20	1955CST			0	0			Hail (0.75)
A northeasterly upslope flow into the mountains of northern Chihuahua formed storms in the mountainous terrain. These storms were advected over the top of a frontal boundary and crossed the Rio Grande near Presidio where the hail fell. The storm appeared to continue with very strong intensity over open country while riding on the frontal boundary. The storm weakened as it approached the city of Marfa, where it skimmed the city to the south.									
Brewster County									
Marathon	20	2140CST 2330CST			0	0			Flash Flood
A moist upslope flow into the mountains of southwest Texas developed thunderstorms in the afternoon that persisted into the evening. A slow-moving cluster of storms in the Marathon area rained 2-3 inches over the town and caused flooding. Water was up to one foot deep in some locations.									
Scurry County									
10 N Snyder	23	1725CST			0	0			Hail (0.75)
The synoptic setting included a surface pre-frontal trough west of the dry line near the Texas/New Mexico border. Storms formed along the trough in the middle of the afternoon and intensified after moving east of the dryline in the late afternoon.									
Upton County									
19 NNE Mc Camey	24	1658CST			0	0			Hail (1.00)
This storm developed near the Pecos River in southern Crane County, moved to the ENE and became a multicell severe storm as it crossed Upton County. The hail fell out of a cell that had just passed maturity. This cell rapidly dissipated as the cluster continued to the east.									
Glasscock County									
12 E Garden City	24	1750CST			0	0			Hail (0.75)
Glasscock County									
12 E Garden City	24	1750CST			0	0			Thunderstorm Wind (G61)
An off-duty patrol officer reported dime size hail and 65-75 mph winds from a storm near the Sterling County line. The storm was in a multicell cluster that had developed in southwestern Glasscock County along an outflow boundary from storms to the south.									
Scurry County									
6 W Snyder	24	1759CST			0	0			Hail (0.75)
Scurry County									
Snyder	24	1811CST			0	0	10K		Thunderstorm Wind
Strong winds knocked down utility poles in Snyder. An outflow boundary moving eastward across the South Plains and northern Permian Basin exploded into a line of severe storms as the boundary moved into rich moisture. The line that affected Snyder developed rapidly as it moved into Scurry County from Borden County.									
Storms fired in the mountains of New Mexico and west Texas and moved eastward into better moisture. Dew points near the dry line (in the central Permian Basin) were too low to support severe convection, but farther east dew points were high enough to further intensify the storms to severe levels.									
Jeff Davis County									
7 SSE Ft Davis	28	1428CST			0	0			Hail (1.00)
Multicell thunderstorms that developed over the higher terrain of the Davis Mountains moved to the southeast across Ft. Davis and produced hail southeast of town.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, West									
Gaines County									
17 WNW Seminole	28	1610CST			0	0			Hail (1.75)
	A small single cell storm that briefly produced golfball size hail.								
Andrews County									
25 WNW Andrews	28	1617CST			0	0			Hail (0.75)
Andrews County									
25 WNW Andrews	28	1617CST			0	0			Thunderstorm Wind (G52)
	Winds gusting to 60 mph and hail up to 3/4 inch blasted the area along State Highway 176 in western Andrews County.								
Ward County									
2 E Monahans	28	1921CST			0	0			Hail (1.75)
	Although this storm was beginning to fall apart it was still able to produce golfball size hail near Monahans.								
<p>The storms from this day formed in a northwest flow with a Lifted Index in the -8 to -10 range. Afternoon temperatures were in the mid 80s with dew points in the upper 50s. The most notable feature of this day was the strong directional shear with low-level winds from the ESE at about 20 kt through the lowest 3000 feet and mid to upper-level winds from the northwest at over 40 kt. A weak layer of winds at about 7-10k ft MSL may have kept the environment from producing more (and stronger) supercells.</p>									
Andrews County									
10 W Andrews	28	1620CST 1650CST			0	0			Hail (0.88)
	A slowly moving multicell storm cluster caused hail for a 30 minute period west of Andrews, then proceeded south into northwest Ector County.								
Andrews County									
10 S Andrews	28	1810CST			0	0			Hail (1.75)
Ector County									
Goldsmith	28	1835CST 1840CST			0	0			Hail (1.75)
	This multicell cluster was causing hail at the same time of the large HP Supercell farther west. This storm was eventually absorbed by the HP storm in eastern Ward County.								
Jeff Davis County									
16 NNW Ft Davis	29	1330CST 1337CST			0	0			Hail (1.25)
	Thunderstorms developed in the higher terrain of the Davis Mountains and became multicell severe, dropping hail at the McDonald Observatory.								
Pecos County									
7 NW Ft Stockton	29	1555CST			0	0			Hail (0.88)
	The storm cluster that produced hail in Jeff Davis County moved slowly to the east and dropped more hail near Fort Stockton. The storms dissipated east of Fort Stockton.								
Jeff Davis County									
3 SSW Ft Davis	29	1600CST 1630CST			0	0	3K		Hail (2.75)
	A hail storm hit the Village Farms Tomato Greenhouse south of Fort Davis. The huge greenhouses total over 83,000 glass panes, but luckily only 500 panes were broken by the hail. Much of the hail was around golfball size, but there was some baseball size. This storm developed after the first cluster had moved away from the mountains. Its structure was only impressive for a short time as it moved over this area.								
Reeves County									
10 W Toyah	29	1650CST			0	0			Hail (0.75)
	Multicell storms that formed in Delaware Mountains in Culberson County had a severe cell west of Toyah as they moved eastward into richer moisture.								
Martin County									
Three Leagues	29	1845CST			0	0			Hail (1.75)
	A storm developed in Southwestern Dawson County along a stationary outflow boundary, then moved to the southeast into northern Martin County where the hail was reported. This storm became a supercell with strong rotation on its northwest flank. The storm turned 45 degrees to the right of the mean storm motion as calculated by the WSR-88D tracking algorithm and slowed to almost half the speed of the other storms.								
Andrews County									
Frankel City	29	1933CST			0	0			Hail (0.75)
Andrews County									
Andrews	29	1947CST 2000CST			0	0			Hail (1.00)
	The storm that hit Eunice, NM continued to move east across Frankel City and then into Andrews. The storm appeared to be a short line of only about 20 miles in length, but had a distinct leading-edge reflectivity gradient. The storm was also accelerating through Andrews County moving at 25-30 mph by the time it reached Andrews.								

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, West									
Borden County									
14 W Gail	29	2022CST			0	0			Hail (1.00)
Quarter size hail was reported on the Dawson/Borden County line. This storm formed in southwestern Lynn County, moved southeast into Dawson County and became severe as it straddled the Dawson/Borden County line. The storm turned right for a short time and travelled almost straight south along the county line. Then after only a few miles of this motion began to move to the southeast again and weakened.									
Dawson County									
15 E Lamesa	29	2022CST			0	0			Hail (1.00)
Daily synopsis : This event was characterized by a northwest flow aloft and moisture farther west than typically found for this time in the year. In the Davis Mountains dew point temperatures were in the mid to upper 50s. In the Permian Basin dew points were in the lower to mid 60s with temperatures in the lower 90s. An outflow boundary that had moved through the Lubbock area early the previous morning lay across the area from Central Lea County into Dawson County.									
TEXAS, Western North									
Hardeman County									
1 W Quannah	01	2350CST			0	0			Hail (0.88)
Hardeman County									
Quannah	02	0010CST			0	0			Hail (0.75)
Foard County									
15 W Crowell	08	1550CST			0	0			Hail (0.88)
Knox County									
Goree	08	1603CST			0	0			Hail (1.75)
Baylor County									
1 E Red Spgs	08	1610CST			0	0	0.01K		Thunderstorm Wind
Severe thunderstorm winds broke 3-inch limbs off of trees.									
Wilbarger County									
Oklaunion	08	1635CST			0	0	1K		Thunderstorm Wind
An old cotton gin was picked up and tossed 100 feet onto Highway 287.									
Knox County									
2 E Gilliland	08	1655CST			0	0			Hail (1.75)
Golf ball sized hail covered the ground.									
Wilbarger County									
12 N Vernon	08	1655CST			0	0			Hail (1.75)
Wilbarger County									
Fargo	08	1700CST			0	0			Hail (1.75)
Knox County									
2 E Vera	08	1730CST			0	0			Hail (2.00)
Wilbarger County									
Harrold	08	1730CST			0	0	25K		Thunderstorm Wind (G61)
Severe thunderstorm winds estimated at over 70 mph caused widespread damage in and around Harrold. The winds blew an empty cattle trailer into the canopy at a truck stop. The canopy and part of the roof of the building were severely damaged. Light poles and signs were also blown down at the truck stop. Residential roofs were damaged, fences and trees were downed, and windows were broken throughout town. Near the elementary school a garage and a barn were completely demolished, and a second barn was severely damaged. The roof of the elementary school also collapsed. On US Hwy 287 a tractor-trailer was blown off of the road.									
Wilbarger County									
Harrold	08	1733CST			0	0			Thunderstorm Wind (G52)
Wilbarger County									
Harrold	08	1734CST			0	0			Hail (0.75)
Wichita County									
Electra	08	1800CST			0	0			Hail (1.75)
Wichita County									
Iowa Park	08	1816CST 1830CST			0	0	45K		Thunderstorm Wind (G65)
Severe thunderstorm winds caused widespread structural and tree damage in and around Iowa Park. The most extensive damage occurred on the south part of town, where a mobile home was completely destroyed on FM 367, a store lost one-quarter of its roof, and windows were blown out of a car dealership. Also in south Iowa Park, an auto repair garage suffered severe damage when its 35-foot awning was torn off and blown across the street and sections of the building's roof were removed. Branches were downed and large trees were toppled across town, including at least one 60-foot tree. Power poles and lines were snapped, leaving residents without power for as long as 13 hours.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
TEXAS, Western North									
Wichita County									
Wichita Falls	08	1828CST			0	0	1K		Thunderstorm Wind (G65)
Winds of around 70 mph downed small trees and destroyed part of the fence at the stadium sports complex on the southwest side of town.									
Wilbarger County									
Harrold	08	1833CST			0	0			Hail (0.75)
Wilbarger County									
Harrold	08	1833CST			0	0			Thunderstorm Wind (G52)
Wichita County									
Wichita Falls (Ksps)	08	1838CST			0	0			Thunderstorm Wind (G50)
measured at the ASOS site									
Archer County									
Archer City	08	1845CST			0	0	0.50K		Thunderstorm Wind
Power poles were blown down in Archer City.									
Wichita County									
4 NW Wichita Falls	08	1845CST			0	0			Hail (0.88)
Wichita County									
Wichita Falls	08	1845CST			0	0			Hail (0.88)
Clay County									
Lake Arrowhead	08	1854CST			0	0			Hail (1.00)
Wichita County									
Wichita Falls (Ksps)	08	1856CST			0	0			Thunderstorm Wind (G66)
measured at the ASOS site									
Archer County									
Archer City	08	1900CST			0	0	0.10K		Thunderstorm Wind
An 18-inch diameter tree was blown over by severe thunderstorm winds.									
Clay County									
11 W Henrietta	08	1900CST			0	0			Hail (1.75)
at the intersection of FM 2393 and FM 1954									
Clay County									
Lake Arrowhead	08	1900CST 1910CST			0	0			Hail (2.75)
Clay County									
10 W Bluegrove	08	1915CST	0.1	25	0	0	0.75K		Tornado (F0)
A citizen reported a brief tornado on the FM 172 bridge south of Lake Arrowhead. One picnic shelter in a park was destroyed.									
Clay County									
1.5 S Deer Creek	08	1950CST			0	0	0.25K		Thunderstorm Wind
Severe thunderstorm winds blew windows out of a house.									
Clay County									
5 S Deer Creek	08	1955CST	0.1	25	0	0	0.50K		Tornado (F0)
A small tornado, probably a gustnado, blew part of the roof off a barn.									
Clay County									
Joy	08	2000CST			0	0			Hail (1.75)
Baylor County									
Seymour	08	2030CST			0	0			Flash Flood
	09	0030CST							
Highway 82 between Benjamin and Seymour was closed due to high water.									
Knox County									
Benjamin	08	2030CST			0	0			Flash Flood
	09	0030CST							
Highway 82 between Benjamin and Seymour was closed due to high water.									
Archer County									
Archer City	08	2050CST			0	0			Flash Flood
Highway 79 was closed due to high water.									
Clay County									
Countywide	08	2100CST			0	0			Flash Flood
The Clay County Sheriff's Office reported roads across most of the county were covered with water, causing numerous accidents and stalled cars. Many roads were closed.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Western North

Clay County

**Bluegrove to
2.5 W Bluegrove**

08	2200CST				0	0			Flash Flood
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Flash flood waters flowed 4 feet deep over the FM 172 bridge across Deer Creek (about 2.5 miles west of Bluegrove). Several cars became stranded in high water on FM 172 between Bluegrove and Lake Arrowhead, and officials rescued at least 2 people from their flooded cars.

Wichita County

Wichita Falls

08	2200CST				0	0	150K		Flash Flood
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Portions of Wichita Falls received up to 5 inches of rain in less than one hour, resulting in widespread flash flooding throughout the city. As many as 100 homes in the Faith Village area and off of Jacksboro Highway in south Wichita Falls reported some sort of flooding. Numerous roads in and around Wichita Falls were closed due to high water, some for over 12 hours. With water up to 6 feet deep, several cars became stranded and were washed away. In one instance an ambulance on its way to rescue a wheelchair-confined man from his flooding house stalled in water that rose to the depth of the ambulance's windshield. (The handicapped man was helped safely from his house by his neighbors.)

Archer County

Countywide

08	2230CST				0	0			Flash Flood
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Several highways and streets across the county were covered with high water.

Clay County

Countywide

08	2300CST				0	0			Flash Flood
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FM 1954, FM 883, FM 2606, and Highway 172 were closed due to high water.

Summary of events of May 8, 1997:

Severe thunderstorms moved repeatedly over western parts of north Texas during the late afternoon and through the evening of the 8th. During the daylight hours, the storms produced numerous reports of large hail and strong and damaging winds. Two tornadoes were also reported. By the end of the evening, a widespread flash-flood event had evolved, affecting most or all of 5 counties in the area.

The first tornado was reported west of Bluegrove (on the south side of Lake Arrowhead) in Clay County, and the second tornado, probably a gustnado, occurred south of Deer Creek (also in Clay County). Minor damage was reported with each tornado and both were rated F0.

The largest hail also fell near Lake Arrowhead, where baseball-sized hail fell for about 10 minutes. The strongest measured wind speeds reached 76 mph at the Wichita Falls Municipal Airport in Wichita County.

Widespread and severe wind damage occurred in Harrold in Wilbarger County and in Iowa Park in Wichita County. Other more minor damage was reported east of Red Springs in Baylor County, in Oklaunion in Wilbarger County, in Archer City in Archer County, and south of Deer Creek in Clay County.

Most of Clay and Archer Counties were affected by flash flooding. Portions of Wichita Falls in Wichita County also suffered from major flash flooding, including flooding of homes. More isolated incidents of flash flooding occurred near Benjamin in Knox County and near Seymour in Baylor County.

See preceding individual Storm Data entries for further details and additional reports.

Wichita County

3 NW Burkburnett

30	0220CST				0	0			Hail (0.75)
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Wichita County

Wichita Falls

30	0256CST				0	0			Hail (0.75)
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Wichita County

Wichita Falls

30	0300CST				0	0	0.50K		Thunderstorm Wind
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A small metal shed was blown about 75 feet and limbs were blown down.

Wichita County

**Wichita Falls to
Burkburnett**

30	0320CST				0	0			Flash Flood
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Widespread street flooding was reported from Wichita Falls to Burkburnett.

Archer County

Scotland

30	0338CST				0	0			Hail (1.00)
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Archer County

Scotland

30	0340CST				0	0	5K		Thunderstorm Wind
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A roof was blown off a two-story structure and one large tree was downed.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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TEXAS, Western North

Clay County

9 WSW Joy	30	0400CST			0	0			Flash Flood
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Up to eight inches of water covered some of the roads.

Clay County

10 W Joy	30	0400CST 0410CST			0	0			Hail (0.75)
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Clay County

Bellevue	30	0439CST			0	0			Hail (1.00)
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Summary of events of May 30, 1997:

Early morning thunderstorms moved across Clay, Archer, and Wichita Counties, producing hail as large as quarters, damaging thunderstorm winds, and flash flooding. The one-inch hail fell in Scotland in Archer County and in Bellevue in Clay County. Wind damage occurred in Wichita Falls in Wichita County and in Scotland (in Archer County). Isolated flash flooding was reported in Wichita County from Wichita Falls to Burkburnett and west-southwest of Joy in Clay County.

See preceding individual Storm Data entries for further details and additional reports.

UTAH, North, Central and South

UTZ008>009

Wasatch Mountains South Of I80 - Western Unita Mountains

01		0000MST 1800MST			0	0	15K		Heavy Snow
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A winter storm system swept into northern Utah on this date. Rain occurred in the valleys and criteria snow fell in the mountains. The Alta ski resort received 13" while Snowbird had 11". Uintalands in eastern Summit county had 8" of snow.

Salt Lake County

Draper

15		0630MST 1130MST			0	0	1.2M		Flash Flood
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During the early morning hours a canal broke in Draper. High waters due to the runoff of an above normal snow pack in the mountains caused the break. 10 homes in the Victor's Pond subdivision were flooded with a combination of water, mud and debris. One home's basement filled with 7' of water and mud. Fortunately no one was injured but the flood damage was quite extensive.

UTZ001>002-006

Cache Valley/Utah Portion - Northern Wasatch Front/Brigham City/Ogden Bountiful - Wasatch Mountain Valleys/Huntsville/Park City/Heber

15		1400MST			0	0	120K	50K	Flood
29		1400MST							

The runoff from the above normal snowpack in the northern Utah mountains caused flooding along several rivers during the second-half of May. Sandbagging efforts minimized what could have resulted in a costly spring runoff season. Flooding occurred during this time along the Ogden, Logan, and Blacksmith Fork Rivers as well as on Spring Creek. In the Birch Glen, Country Meadows and Country Manor subdivisions homes were flooded. Several campground areas, residential yards and agricultural lands were also impacted by this flooding.

Davis County

Bountiful

20		1800MST 1810MST			0	0	50K		Lightning
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Lightning sparked a house fire in northwest Bountiful. Another newer home in the area also received damage from lightning on this evening. A power outage occurred in the area. There were no injuries but the home that caught fire experienced extensive damage.

UTZ008

Wasatch Mountains South Of I80

25		0000MST			0	0	10K		Heavy Snow
26		1300MST							

A weak storm system left criteria snow on the northern Utah mountains. The Alta ski resort measured a foot of snow with this storm.

UTAH, Northeast

Uintah County

**24 NW Vernal to
2 SW Jensen**

19		0000MST 2000MST			0	0	100K		Flash Flood
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Snowmelt water overflowed a high elevation irrigation canal which was blocked with ice. The overflow caused rapid erosion of loose soils on a forested mountainside 24 miles northwest of Vernal. This resulted in a 1000 yard long chasm up to 300 feet deep and 1000 feet wide. Over 2 million cubic yards of soil and rock were displaced. A debris dam in the chasm eventually breached, resulting in a wall of water moving down Dry Fork (creek) and into Ashley Creek. Some dirt roads were washed out and the water supply for many residents in the Vernal area became clogged with sediment. The large volume of sediment also flowed into irrigation canals near Vernal which forced an extended shutdown of irrigation water.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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VERMONT, North and Central

Orleans County **West Charleston**

	01	1845EST 1850EST			0	0	10K		Thunderstorm Wind (G52)
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A strong storm system in the northern Great Lakes Thursday morning (May 1, 1997) moved northeast up the St. Lawrence River Valley Thursday night. Scattered thunderstorms developed during the late afternoon and evening with locally heavy rain and gusty winds.

A severe thunderstorm moved through West Charleston, VT (Orleans County) at approximately 645 PM EST. A mobile home sustained roof damage, two sheds were blown over and tree and utility pole damage was reported. Winds were estimated at 52 knots with this thunderstorm.

Other reports of thunderstorm winds (with no damage) were:
 Chester, VT (Windsor County).....43 knots at 630 PM EST
 Springfield, VT (Windsor County).....43 knots at 640 PM EST
 Brookfield, VT (Orange County).....31 knots at 650 PM EST.

VTZ006-009

Lamoille - Addison

	03	0930EST 1330EST			0	0			High Wind (G77)
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A vigorous storm system moved from the eastern Great Lakes region Saturday morning (5/3/97) and headed up the St. Lawrence River Valley Saturday night. Gusty winds occurred across Vermont during the day.

While no damage was reported, the strongest winds reported were:

Cambridge, VT (Lamoille County)...77 knots...at 1130 AM EST
 Bristol, VT (Addison County)....49 knots...at 1000 AM EST
 South Lincoln (Addison County)....35 knots...at 1030 AM EST

VTZ003>004-006>007

Orleans - Essex - Lamoille - Caledonia

	07	0000EST 1800EST			0	0			Mountain Snows
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A complex storm system over northern New York and southern Canada Tuesday morning (May 6, 1997) moved across northern Maine Tuesday night and into the Canadian Maritimes during Wednesday (May 7, 1997).

The storm system deepened while over northern Maine and the Maritimes with locally 4 to 8 inches of snow over some of the mountains of northern Vermont above 2500 feet on May 7, 1997. The highest amount of snow recorded was 8 inches on top of Mt. Mansfield (Lamoille County). Across Caledonia County, Essex County and southern Orleans County between 2 and 4 inches of wet snow fell above 1500 feet.

VERMONT, South

Bennington County **Bennington**

	01	1750EST			0	0	4K		Thunderstorm Wind
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A cold front crossed western New England during the afternoon of May 1. This front produced an isolated severe thunderstorm at Bennington, where several trees were downed by the wind.

VIRGIN ISLANDS

St. Thomas County **St. Thomas**

	03	1810AST 1840AST			0	0			Waterspout
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The Virgin Islands Radio reported a waterspout north of St. Thomas.

St. Croix County **St. Croix**

	23	0915AST 1415AST			0	0			Urban/Sml Stream Fld
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Street flooding was reported in Gallows Bay St. Croix.

VIRGINIA, East

Mecklenburg County **Boydton**

	01	1345EST			0	0			Hail (2.00)
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Lunenburg County **Kenbridge**

	01	1350EST			0	0	3K		Thunderstorm Wind
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Several trees down along Route 138. Power lines down also.

Brunswick County **3 W Lawrenceville**

	01	1415EST			0	0	3K		Thunderstorm Wind
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Several trees down on Route 58.

Dinwiddie County **Dinwiddie**

	01	1430EST			0	0	4K		Thunderstorm Wind
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Numerous trees down across the county.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>VIRGINIA, East</u>									
Greensville County									
Purdy	01	1430EST			0	0			Hail (0.75)
Prince George County									
Templeton	01	1430EST			0	0	100K		Thunderstorm Wind
Roof caved in on residence. Outbuildings down. Siding stripped off mobile homes just south of Templeton.									
Brunswick County									
Lawrenceville	01	1438EST			0	0			Hail (0.75)
Sussex County									
Stony Creek	01	1438EST 1440EST			0	0			Hail (0.75)
Sussex County									
Stony Creek	01	1440EST			0	0	10K		Thunderstorm Wind (G61)
Canopy ripped off of truck stop. Several 50-60 year old trees uprooted.									
Brunswick County									
Lawrenceville	01	1445EST			0	0	15K		Hail (1.75)
Golfball size hail collapsed a portion of the roof at the Brunswick Academy.									
Mecklenburg County									
South Hill	01	1500EST			0	0			Hail (1.75)
Sussex County									
Wakefield	01	1501EST			0	0			Hail (1.50)
Surry County									
Surry	01	1505EST			0	0			Hail (1.50)
Surry County									
4 S Surry	01	1505EST			0	0	10K		Thunderstorm Wind
Several trees down. Silos blown down.									
Brunswick County									
Lawrenceville	01	1510EST			0	0	3K		Thunderstorm Wind
Downed tree broke windshield and peeled back roof of a car, and knocked out the windshield and side mirrors off of a tractor trailer.									
James City County									
Jamestown to Toano	01	1521EST 1525EST			0	0	2K		Thunderstorm Wind (G50)
A 58 mph wind gust was measured at the Jamestown Island Ferry. Also, several trees were downed with one tree falling on a vehicle near the town of Toano.									
Williamsburg (C)									
Williamsburg	01	1525EST			0	0			Hail (0.75)
Williamsburg (C)									
Williamsburg	01	1525EST			0	0	3K		Thunderstorm Wind
Several trees down throughout the city.									
York County									
Yorktown	01	1530EST			0	0	4K		Thunderstorm Wind
Numerous large trees down on Colonial Parkway.									
Southampton County									
Johnson Corner	01	1535EST			0	0	2K		Thunderstorm Wind
Several trees down on power lines.									
Newport News (C)									
Newport News	01	1540EST			0	0	1M		Hail (1.75)
Hail caused widespread damage to homes, businesses, and vehicles.									
York County									
Grafton	01	1540EST			0	0			Hail (1.75)
Gloucester County									
Achilles	01	1545EST			0	0			Hail (0.75)
Isle Of Wight County									
5 N Isle Of Wight	01	1545EST			0	0	5K		Thunderstorm Wind
Tree down on house.									
York County									
Poquoson	01	1545EST			0	0			Hail (2.00)
Hampton (C)									
Hampton	01	1546EST			0	0	1M		Hail (2.75)
Hail caused widespread damage to homes, businesses, and vehicles.									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
<u>VIRGINIA, East</u>									
Northampton County									
Capeville	01	1555EST			0	0			Hail (1.75)
Southampton County									
Vicksville	01	1604EST			0	0			Hail (1.25)
Northampton County									
Cape Charles	01	1605EST			0	0	5K		Lightning
									Lightning strike caused damage to church.
Suffolk (C)									
4 NNE Driver	01	1620EST			0	0			Hail (1.50)
Norfolk (C)									
Norfolk	01	1630EST 1635EST			0	2	10M		Hail (1.75)
									Hail caused widespread damage to homes, businesses and vehicles.
Virginia Beach (C)									
Virginia Beach	01	1630EST 1635EST			0	0	5M		Hail (1.75)
									Hail caused widespread damage to homes, businesses, and vehicles.
Chesapeake (C)									
Chesapeake	01	1633EST			0	0	25K	5K	Hail (1.00)
									Hail destroyed about one-third of a farmer's pea crop. Also, some homes were damaged by hail.
Portsmouth (C)									
Portsmouth	01	1635EST			0	0	25K		Hail (1.75)
									Many homes were damaged by hail.
Chesapeake (C)									
Chesapeake	03	1050EST			0	0	1K		Thunderstorm Wind
									Tree down 3 miles west of Battlefield Boulevard.
New Kent County									
Quinton	09	1500EST			0	0	1K		Thunderstorm Wind
									Large tree down on Route 611.
King And Queen County									
Mascot	09	1520EST			0	0	2K		Thunderstorm Wind
									Several large trees down along Route 603.
Hampton (C)									
Hampton	15	1800EST			0	0			Thunderstorm Wind (G56)
									Langley Air Force Base Weather Observer recorded a wind gust of 65 mph.
Northampton County									
Townsend	15	1830EST			0	0		3K	Hail (0.88)
									Several crop fields were damaged.
Northampton County									
Cedar Grove to Cape Charles	15	2120EST			0	0	2K		Thunderstorm Wind
									Few trees down between Cedar Grove and Cape Charles.
<u>VIRGINIA, Extreme Southwest</u>									
Scott County									
Yuma	26	2225EST			0	0			Flash Flood
	27	0100EST							
Washington County									
Countywide	26	2225EST			0	0			Flash Flood
	27	0100EST							
									In Washington county, Clear Creek Road was flooded. In Scott county, on Route 713, a car stalled in water up to the headlights. Driver had to be rescued.
<u>VIRGINIA, North</u>									
Arlington County									
Arlington	06	1120EST			0	0	3K		Thunderstorm Wind
									One large oak tree and a large limb fell onto a line fuse and a circuit box, respectively, in Arlington. The two downed flora accounted for brief electrical outages to 6500 Virginia Power customers.
Arlington County									
Shirlington	25	1652EST 1655EST	1	75	0	0	100K		Tornado (F0)

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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VIRGINIA, North

**Fairfax County
E Portion**

25	2100EST 2259EST				0	0			Urban/Small Strm Fldg
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A small, brief tornado, packing winds up to 70 mph, knocked down between 75 and 100 trees and limbs, some of which fell onto residences, vehicles, and other property in South Arlington. Scattered structural damage included aluminum siding, gutters, shingles, and plastic fascia.

The tornado began near the fire house, where personnel reported a shed was moved and numerous plastic bags were sucked into the air. At least one large silver maple tree was damaged. More serious damage ensued about 1/4 mile east, where the tornado tracked down a hillside. A large oak split in two, with one of the limbs crashing onto a home on Kenmore St, causing substantial damage. One electrical wire was blown down. Much of the shingle, siding, and gutter damage occurred between Lowell St. and the intersection of Shirlington Blvd. and Glebe Road.

Damage at the intersection included at least ten trees and large limbs that were snapped, with one shallow-rooted tree uprooted and leaning on a residence. That same home had two windows blown out. Two persons at this location witnessed the tornado; the funnel cloud was also seen by the National Airport (DCA) tower, just 3 miles to the east. The storm continued across Glebe Road, knocking down several large poplar tree limbs. At a residence on Fillmore St., a home sustained minor damage from a portion of a large pine tree which fell against its side wall and roof. Several nearby trees and large limbs were also felled.

The twister continued into the Army/Navy Country Club golf course, where it knocked down or snapped an estimated 50 to 60 tree limbs, some up to 2 feet in diameter. Estimated damages at the course were around \$50,000. The funnel lifted moments later.

Tropical moisture feeding along south-moving cold front produced training thunderstorms over portions of the Washington Metropolitan region during the late evening of the 25th. In general, between 3 and 4 inches of rain fell throughout the event, with at least 2 inches falling just prior to the frontal passage around midnight. One spotter in Vienna reported a grand total of 4.65 inches of rain. The rapid accumulation of water swelled area creeks and streams, and closed several roads for a time. Numerous basements were flooded, a result of broken lines or clogged pipes that were not quite ready to handle the first heavy rainfall of the season.

VIRGINIA, Northwest

VAZ003>004

Dickenson - Buchanan

11	0600EST				0	0			Cold And Frost
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Temperatures in the low to mid 30s, along with frost, were widespread. Grundy had 34 degrees, Birchleaf 31, while Clintwood registered 30 degrees.

VAZ003>004

Dickenson - Buchanan

22	0600EST				0	0			Cold
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Dawn temperatures were in the 30s. Clintwood had 30 degrees, Birchleaf 33, while Grundy recorded 37 degrees.

VIRGINIA, Southwest

Campbell County

1 S Brookneal

13	1920EST 1930EST				0	0			Hail (0.75)
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Halifax County

7.5 N Nathalie

13	1920EST 1930EST				0	0			Hail (0.75)
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An isolated severe thunderstorm during the evening hours on the 13th produced hail up to dime size.

Amherst County

Madison Hgts

16	0200EST				0	0			Thunderstorm Wind
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An isolated severe thunderstorm during the early morning hours on the 16th knocked down trees and power lines.

WASHINGTON, Northeast

Adams County

Othello

31	1030PST				0	0	0		Tstm Wind/Hail
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high winds and 1/2 inch hail

Grant County

Moses Lake Arpt

31	1042PST				0	0	0		Tstm Wind/Hail
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47 mph gust from uncommissioned asos

Grant County

Moses Lake

31	1043PST				0	0	15K		Tstm Wind/Hail
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mobile home knocked off foundation

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
WASHINGTON, Northeast								
Grant County								
Ephrata	31	1110PST			0	0	0	Heavy Rain
			6 inches of water on streets of ephrata					
Grant County								
Moses Lake	31	1112PST			0	0	0	Tstm Wind/Hail
			power lines down					
Grant County								
Moses Lake	31	1113PST			0	0	0	Tstm Wind/Hail
			40 mph gust, very heavy rain, small hail					
Grant County								
Moses Lake	31	1114PST			0	0	0	Tstm Wind/Hail
			very heavy rain and small hail					
Adams County								
15 E Ritzville	31	1120PST			0	0	0	Hail (0.75)
			3/4 inch hail					
Grant County								
Wilson Creek	31	1140PST			0	0	0	Heavy Rain
			0.66 inches of rain in 1/2 hour					
Lincoln County								
8 S Wilbur to Creston	31	1140PST	12	50	0	0	300K	Tornado (F1)
			top of barn blown off and several outbuildings destroyed in wilbur. tree and irrigation system damage and major damage to large horse barn in creston					
Lincoln County								
6 S Wilbur	31	1145PST			0	0	0	Hail (0.75)
			3/4 inch hail					
Lincoln County								
Wilbur	31	1150PST			0	0	0	Tstm Wind/Hail
			flooding					
Lincoln County								
7 S Davenport	31	1155PST			0	0	0	Tstm Wind/Hail
			1/2 inch hail					
Lincoln County								
Davenport	31	1200PST			0	0	0	Tstm Wind/Hail
			heavy rain and strong gusty winds					
Lincoln County								
10 W Davenport	31	1201PST			0	0	0	Hail (0.75)
			3/4 inch hail					
Garfield County								
Pomeroy	31	1215PST			0	0	0	Hail (2.00)
			2 inch diameter hail					
Garfield County								
Pomeroy	31	1215PST			0	0	0	Thunderstorm Wind (G70)
			70 mph gust					
Garfield County								
Pomeroy	31	1220PST			0	0	0	Tstm Wind/Hail
			50 mph gust, power lines down and considerable flooding					
Spokane County								
Airway Hgts	31	1226PST			0	0	0	Tstm Wind/Hail
			49 mph gust at NWSO, 3/8 inch hail, 0.40 inches of rain in 5 minutes					
Spokane County								
Cheney	31	1240PST			0	0	0	Hail (0.75)
			3/4 inch hail					
Spokane County								
7 SSW Deer Park to 3 S Deer Park	31	1245PST 1252PST	5	50	0	0	350K	Tornado (F1)
			nws survey team concluded f1 tornado touched down and pulled up numerous times as it traveled from Pruffer and Wallbridge in se stevens county to near riverside in spokane county					
Spokane County								
Spokane	31	1245PST			0	0	0	Thunderstorm Wind (G65)
			65 mph gust					

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
WASHINGTON, Northeast									
Stevens County Valley	31	1245PST			0	0	0		Hail (1.00)
		1 inch hail							
Whitman County 5 S Colton	31	1245PST			0	0	0		Funnel Cloud
		funnel cloud							
Stevens County 7 SE Tumtum to 4 NW Nine Mile Falls	31	1247PST			0	0	0		Hail (1.00)
		1 inch hail							
Spokane County Dartford	31	1250PST			0	0	20K		Hail (1.00)
		1 inch hail, paint stripped off home							
Spokane County Dartford	31	1250PST			0	0	10K		Thunderstorm Wind (G65)
		65 mph thunderstorm gust w/trees down							
Stevens County Chewelah	31	1250PST			0	0	0		Hail (1.00)
		sheriff reports 1 inch hail							
Spokane County Dartford	31	1251PST			0	0	0		Hail (2.00)
		2 inch hail and very strong winds							
Spokane County Dartford	31	1251PST			0	0	20K		Heavy Rain
		6 foot diameter culvert pipe washed out from dirt road							
Whitman County Pullman	31	1251PST			0	0	0		Thunderstorm Wind (G60)
		60 mph gust							
Spokane County Opportunity	31	1253PST			0	0	0		Thunderstorm Wind (G63)
		63 mph gust							
Whitman County Pullman	31	1255PST			0	0	0		Thunderstorm Wind (G60)
		60 mph gust							
Asotin County Clarkston	31	1257PST			0	0	1K		Thunderstorm Wind (G65)
		65 mph gust, large tree down							
Spokane County Dishman	31	1300PST			0	0	0		Thunderstorm Wind (G61)
		61 mph gust							
Whitman County Colfax	31	1300PST			0	0	0		Heavy Rain
		flooding							
Spokane County Rockford	31	1305PST			0	0	0		Hail (0.75)
		3/4 inch hail							
Pend Oreille County Newport	31	1330PST			0	0	0		Heavy Rain
		flooding							
Pend Oreille County Newport	31	1330PST			0	0	0		Tstm Wind/Hail
		1/2 inch hail							
Spokane County 10 NW Spokane	31	1345PST			0	0	0		Tstm Wind/Hail
		50 mph gust/0.3 inch hail							
Grant County Moses Lake	31	1600PST			0	0	0	200K	Thunderstorm Wind (G70)
		APPLE ORCHARD DAMAGE							

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WASHINGTON, Northwest

WAZ035

Northeast Mountains

21 0000PST

24 2359PST

0

0

Flood

Lake Pend Oreille was nearly a foot above flood stage and in turn flooded the river. In Dalkena about 30 homes had water in them and in Tiger about 50 residents were cut off from their homes.

Snohomish County

Stanwood

31

0600PST

1100PST

0

0

5K

Urban/Sml Stream Fld

Heavy, slow moving showers dropped between one and two inches of rain in a 5 hour period around Camano Island. Gardens were washed out and there was flooding of garages and basements.

Pierce County

Tacoma

31

1415PST

1419PST

0.5

.1

0

0

150K

Tornado (F1)

A weak tornado touched down in a south Tacoma neighborhood just east of I-5. A church suffered roof and beam damage and several trees were pushed over or snapped off. There were also some downed fences.

Snohomish County

Lake Stevens

31

1700PST

1710PST

0

0

Funnel Cloud

A funnel cloud was detected on radar and observed by a spotter northeast of Lake Stevens. Showers and thunderstorms dropped a record 1.41 inches of rain at Seatac airport for 24 hours on this day.

WASHINGTON, Southeast

WAZ025

East Slopes Southern Cascades

11 1100PST

19 1100PST

0

0

Flood

High water from spring snow melt caused minor flooding along the Naches and Yakima rivers as well as area creeks. River side parks...golf courses and road were closed. Sandbags were used to keep water flowing down streets out of yards. Some basements...farm outbuildings and pasturelands were flooded.

WASHINGTON, Southwest

Clark County

Vancouver

31

1645PST

1647PST

0.5

20

0

0

10K

Tornado (F0)

A weak tornado briefly touched down in the Walnut Grove area of Vancouver, near I-205 and 4th Plain. A car was damaged, the roofing of a house was damaged, and a small shed was blown over.

WEST VIRGINIA, East

NONE REPORTED.

WEST VIRGINIA, North

Hancock County

1 N Weirton

03

1415EST

1420EST

0

0

8K

Thunderstorm Wind

Thunderstorm winds tore a roof off of a trailer near King's Creek and several large trees were downed.

Ohio County

Wheeling

03

1449EST

0

0

Hail (0.75)

Marshall County

Moundsville

03

1452EST

0

0

25K

Thunderstorm Wind

A roof was torn off of a house by strong thunderstorm winds. Trees and power lines were also downed nearby and throughout the county.

Ohio County

Wheeling

03

1526EST

0

0

5K

Thunderstorm Wind

Some trees and a couple of utility poles and lines were downed throughout the county by thunderstorm winds.

Marshall County

Lynn Camp

18

1605EST

0

0

2K

Thunderstorm Wind

Trees were downed by thunderstorm winds.

Brooke County

2 S Weirton

18

1850EST

1855EST

0

0

250K

Thunderstorm Wind (G105)

Thunderstorm microburst winds, estimated between 100 and 120 mph, caused extensive damage near Weirton.

The greatest damage occurred at a slag plant near the Fort Steubenville Bridge. Two buildings were substantially damaged. A two story metal building was blown in on one side and collapsed. The other, a block building, had the roof blown off and several windows were blown out. Sections of two large conveyor belts were destroyed. Two automobiles were damaged by flying debris.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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WEST VIRGINIA, North

Damage also occurred at a nearby sewage treatment plant. A two story block building had a crack along the second row of blocks on the second floor. A roof from a small metal building was blown off. Trees were damaged.

Also during the storm, six barges along the Ohio River broke loose from their moorings just upstream of the damaged buildings. Some of the barges reportedly hit the bridge and the bridge was closed for several hours.

Brooke County

1 S Weirton	18	1850EST			0 0	4K	Thunderstorm Wind
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Several large trees were downed by thunderstorm winds.

Ohio County

Elm Grove	19	1710EST			0 0	3K	Thunderstorm Wind
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Thunderstorm winds destroyed a greenhouse.

Ohio County

Wheeling	19	1714EST			0 0	5K	Thunderstorm Wind
----------	----	---------	--	--	--------	----	-------------------

Trees were downed and windows blown out by thunderstorm winds.

Ohio County

Wheeling	19	1714EST			0 0	5K	Thunderstorm Wind
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Thunderstorm winds downed trees and blew out windows.

Ohio County

1 N Wheeling	19	1719EST			0 0	3K	Thunderstorm Wind
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Thunderstorm winds fell a tree onto a house and caused damage to the roof.

Preston County

5 E Kingwood	19	1915EST			0 0	1K	Thunderstorm Wind
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A tree and some branches were downed by thunderstorm winds.

Marshall County

Mc Mechen	19	1920EST 1940EST			0 0		Flash Flood
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Heavy thunderstorm rains led to flash flooding. Route 2 was closed due to flood waters and a mudslide.

Ohio County

1 NE Wheeling	19	1930EST 2000EST			0 0		Flash Flood
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Creek flooding was reported along Elm Run and Waddles Run.

Brooke County

Weirton	25	1228EST			0 0	10K	Flash Flood
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Flooding was reported along Buffalo Creek which was out of its banks along Route 67. Some basements were also flooded.

Ohio County

Elm Grove	25	1750EST			0 0	4K	Flash Flood
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Small streams and a few basements were flooded.

WEST VIRGINIA, Southeast

NONE REPORTED.

WEST VIRGINIA, West

WVZ024>026-032>034 Mingo - Logan - Boone - Taylor - Mcdowell - Wyoming

01	0100EST			0 0	Prolong Cold
31	2300EST				

WVZ009

Wood	03	1216EST			0 0	High Wind (G50)
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A wind gust of 58 mph was recorded at the Parkersburg airport.

WVZ046

Pocahontas	03	2300EST			0 0	Snow
	04	0900EST				

Snow fell across elevations above 3000 feet to the depth of 1 to 2 inches. This included the Cranberry Glades and Snowshoe. Temperatures were in the upper 20s and lower 30s.

WVZ008>011-

016>020-027>032-

035>037-039-046>047

Jackson - Wood - Pleasants - Tyler - Roane - Wirt - Calhoun - Ritchie - Doddridge - Clay - Braxton - Gilmer - Lewis - Harrison - Taylor - Raleigh - Fayette - Nicholas - Upshur - Pocahontas - Randolph

07	0600EST			0 0	Cold And Frost
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Temperatures in the low to mid 30s, along with frost, were widespread across central counties of West Virginia. The coldest was 27 degrees from Gladys of Randolph County. Beckley and Sandyville of Jackson County were 32 degrees, while Belington had 33 degrees.

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
WEST VIRGINIA, West									
WVZ046									
Pocahontas	10	0800EST			0	0			Snow
		1700EST							
			One to 4 inches of snow fell during this Saturday above 4000 feet between Snowshoe and the Cranberry Glades. This included Black Mountain and a portion of the scenic highway.						
WVZ024>026-032>034-036-038			Mingo - Logan - Boone - Taylor - McDowell - Wyoming - Fayette - Webster						
	11	0600EST			0	0			Cold And Frost
Wayne County									
Lavalette	14	1810EST			0	0			Hail (0.75)
Wayne County									
Wayne	14	1825EST			0	0			Hail (1.00)
Cabell County									
3 S Melissa	14	1825EST			0	0			Hail (0.75)
Lincoln County									
Branchland	14	1830EST			0	0			Hail (0.88)
Wayne County									
Ft Gay	14	1855EST			0	0			Hail (0.75)
Pleasants County									
1 SE Maxwell	18	1500EST			0	0	3K		Thunderstorm Wind
			Numerous trees were blown down in a gust estimated at 70 to 80 mph. A fallen tree damaged one mobile home.						
Pleasants County									
Shawnee	18	1500EST			0	0			Thunderstorm Wind
			Fallen trees blocked roads in the vicinity.						
Pleasants County									
Hebron	18	1500EST			0	0			Thunderstorm Wind
			Three oak trees were knocked down.						
Wood County									
Parkersburg Arpt	18	1504EST			0	0	8K		Thunderstorm Wind (G70)
			A localized downburst hit the airport. The tower was briefly evacuated as the personnel thought the windows were going to be blown in. The anemometer indicated an 81 mph gust. Fourteen vehicles parked at the airport had windows broken. The weather observer said, "we thought we were having hail, but it wasn't hail. It was busted glass flying around." Large sliding hangar doors were bowed or taken off their tracks. No damage occurred to aircraft.						
WVZ035>036-038>039-046>047			Raleigh - Fayette - Webster - Upshur - Pocahontas - Randolph						
	22	0600EST			0	0			Cold
			Temperatures were in the upper 20s and lower 30s. Elkins had 29 degrees, Beckley recorded 33 degrees. Both were records for the date.						
WVZ008>011-016>020-028>031-038>040-046>047			Jackson - Wood - Pleasants - Tyler - Roane - Wirt - Calhoun - Ritchie - Doddridge - Braxton - Gilmer - Lewis - Harrison - Webster - Upshur - Barbour - Pocahontas - Randolph						
	23	0600EST			0	0			Cold And Frost
			Sunrise temperatures were in the 30s. The 35 degrees at Parkersburg and the 30 degrees at Elkins were records for the date. The 30 degrees at Elkins was also the coldest in the lower 48 states for this particular morning. Scattered frost was noted in rural and mountainous areas.						
Harrison County									
East View	25	2055EST			0	0	5K		Flash Flood
		2200EST							
			Rain rates of around a half inch per hour, and totals of 1.5 to 2 inches lead to minor flooding of small streams. Roads were flooded. No evacuations were required.						
WISCONSIN, Extreme Southwest									
			NONE REPORTED.						
WISCONSIN, Northeast									
Marinette County									
Wausaukee	11	1030CST			0	0	10K		Lightning
			A Wausaukee home was damaged when lightning struck a tree, which then sent fragments 150 feet into the home. A three foot long by six inch wide fragment landed in a bedroom, badly damaging it. Electrical sockets in the home blew out from the wall.						

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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WISCONSIN, Northwest

WIZ002>004	Bayfield - Ashland - Iron								
	11	2100CST			0	0			Heavy Snow
	12	1300CST							
Strong northwest winds produced heavy lake effect snow across northern portions of Bayfield, Ashland, and Iron Counties. An observer 6 miles north of the community of Bayfield reported 8.4 inches. Gurney received 6.5 and Hurley 6.0 inches.									

WISCONSIN, Southeast

Waukesha County									
	Eagle	05	1240CST		0	0			Hail (0.75)
Racine County									
	2 NW Sturtevant	05	1315CST		0	0			Hail (1.75)
WIZ058>060-065>066 Dodge - Washington - Ozaukee - Waukesha - Milwaukee									
	05	1805CST			0	0	29K		High Wind
		1900CST							
Strong gradient winds raked parts of southeast Wisconsin. Peak gusts were in the 60-70 mph range. Trees were blown down in Hartland (Waukesha), a construction trailer was blown over in eastern Dodge county, and trees were toppled in Richfield (Washington), pulling down a power pole and power lines. Uprooted trees were reported in Bay View (Milwaukee), with one tree falling on and damaging two cars. Also in Milwaukee county, the high winds ripped off a sign from a business building in Franklin. In Ozaukee county, power lines were downed.									

Lafayette County									
	4 N Belmont	18	0930CST		0	0	17K		Lightning
Lightning struck and killed 13 milk cows									

Lafayette County									
	1 W New Digging	18	1640CST		0	0			Hail (0.88)

Walworth County									
	Genoa City	18	1810CST		0	0			Hail (0.75)

WIZ063 Dane									
	20	0600CST			0	0			Extreme Cold
Madison (Dane co) reported a new record low temperature of 30 degrees, replacing the old record of 32. Scattered frost was noted in the areas around Madison.									

WISCONSIN, Southwest

Grant County									
	Hazel Green	18	1625CST		0	0			Hail (0.75)

Grant County									
	Fairplay	18	1716CST		0	0			Hail (0.75)

Grant County									
	Kieler	18	1758CST		0	0			Hail (0.75)

WISCONSIN, West

NONE REPORTED.

WYOMING, Central and West

Fremont County									
	Pavillion	22	2200MST		0	0			Flash Flood
		23	0015MST						
Flash flooding near and on Muddy Creek and Dry Cottonwood Creek northeast of Pavillion. Estimated 2 to 3 inches of rain in less than 2 hours. Damage to gravel road in several areas between Muddy and Dry Cottonwood Creeks.									

Park County									
	Cody	31	1856MST		0	0			Thunderstorm Wind (G57)
Thunderstorm gust to 65 mph reported 16 miles southwest of Cody.									

WYOMING, Extreme Southwest

NONE REPORTED.

WYOMING, North Central

NONE REPORTED.

WYOMING, Northeast

Campbell County									
	15 E Wright	24	1458MST		0	0			Hail (0.75)
			1502MST						
HAIL FELL AT JACOB'S RANCH MINE									

Storm Data and Unusual Weather Phenomena

May 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>WYOMING, Northeast</u>									
<u>WYOMING, Southeast</u>									
Platte County									
3 NE Wheatland	24	1220MST 1225MST			0	0	0	0	Hail (0.75)
									3/4 inch hail was reported 3 miles northeast of Wheatland.
Goshen County									
6 SW Lingle	24	1425MST 1433MST			0	0	0	0	Hail (1.75)
									Hail an inch and three quarters in diameter was reported 6 miles southwest of Lingle.
Goshen County									
7 S Lingle	24	1430MST 1435MST			0	0			Funnel Cloud
									Several funnel clouds were spotted with the storm that produced golfball sized hail south-southwest of Lingle.
Laramie County									
1 S Albin	24	1525MST 1530MST			0	0	0	24K	Hail (0.75)
									Hail three quarters of an inch in diameter fell one mile south of Albin, badly damaging 10 to 12 sections of cropland.
Goshen County									
2 SW Yoder to 2 SE Torrington	24	1715MST 2130MST			0	0	30K	30K	Flash Flood
									Heavy rainfall totalling more than 3 inches fell from southwest of Yoder to around Torrington. Four feet of water was reported over state highway 156 2 miles south of Torrington at 515 pm MST. The flooding continued through the evening along highways 156, 154 and 161 in the Torrington, Veteran and Yoder areas, where water continued to cover highway 161 at 827 pm MST. The water subsided by 930 pm MST.

STORM DAMAGE CATEGORIES

REFERENCE NOTES

1	Less than \$50	0 / Blank	None reported.
2	\$50 to \$500	*	Miles instead of yards.
3	\$500 to \$5,000	**	Yards instead of miles.
4	\$5,000 to \$50,000	@	Includes heavy sleet storm.
5	\$50,000 to \$500,000	#	Freezing drizzle and freezing rain, commonly known as glaze.
6	\$500,000 to \$5 Million	=	Report incomplete.
7	\$5 Million to \$50 Million	= =	Report not received.
8	\$50 Million to \$500 Million		
9	\$500 Million to \$5 Billion	o/c	Indicates Crop Damage amount is included in the value give for property damage.

When reports are not received or are incomplete, the Storm Summary National Death and Injury totals may also be incomplete.

Definition of Fujita Tornado Scale (F Scale)

(F0) Gale tornado (40-72 mph) : Light damage; Some damage to chimneys; break branches off trees; push over shallow-rooted trees; signs and billboards damaged.

(F1) Moderate tornado (73-112 mph): Moderate damage; The lower limit (73 mph) is the beginning of hurricane wind speed; peel surface off roofs; mobile homes pushed off foundations or overturned; moving autos pushed off the roads.

(F2) Significant tornado (113-157 mph): Considerable damage; Roofs torn from frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light-object missiles generated.

(F3) Severe tornado (158-206 mph): Severe damage; Roofs and some walls torn from well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off ground and thrown.

(F4) Devastating tornado (207-260 mph): Devastating damage; Well-constructed houses leveled; structure with weak foundations blown off some distance; cars thrown and large missiles generated.

(F5) Incredible tornado (261-318 mph): Incredible damage; Strong frame houses lifted from foundation and carried considerable distance to disintegrate; automobile-sized missiles fly through the air in excess of 100 meters; trees debarked; incredible phenomena will occur.

(F6-F12) (319 mph to Mach 1, the speed of sound): The maximum wind speeds of tornadoes are not expected to reach the F6 wind speeds.

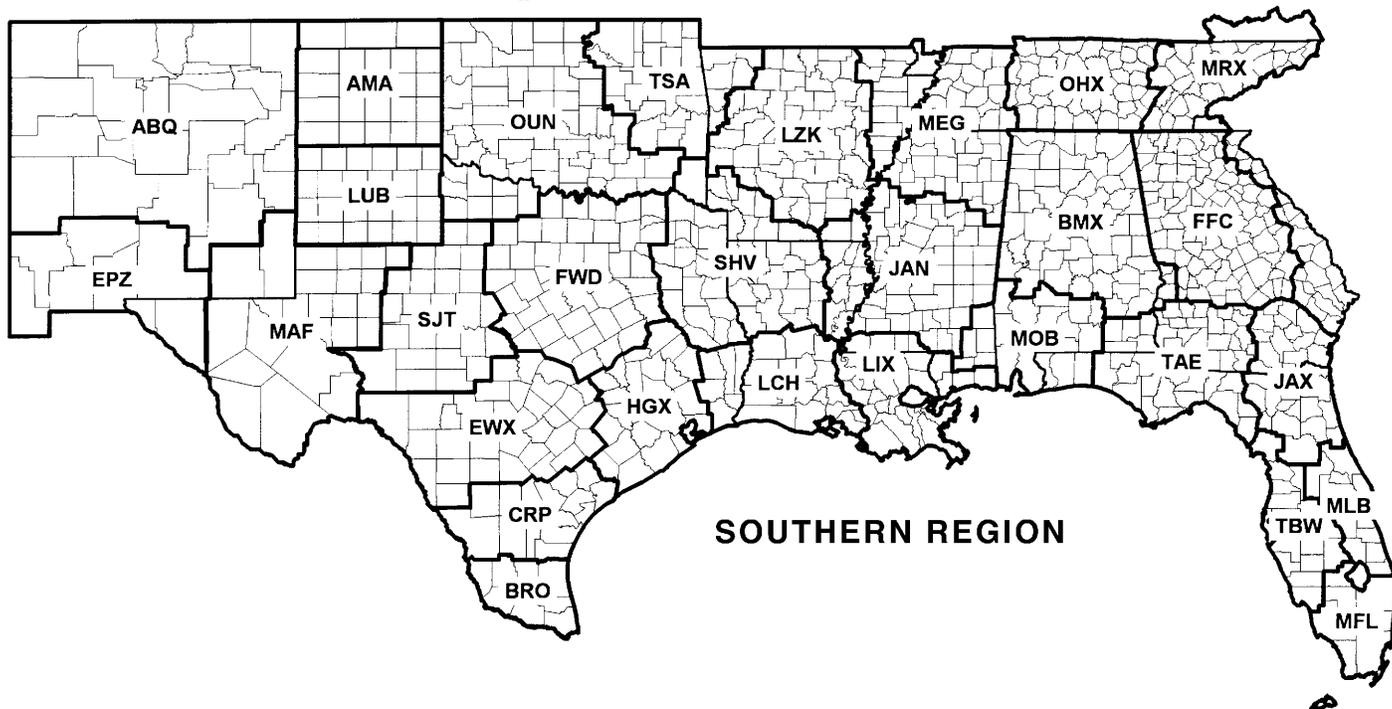
(F0+F1) Weak Tornado
(F2+F3) Strong Tornado
(F4+F5) Violent Tornado



COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS

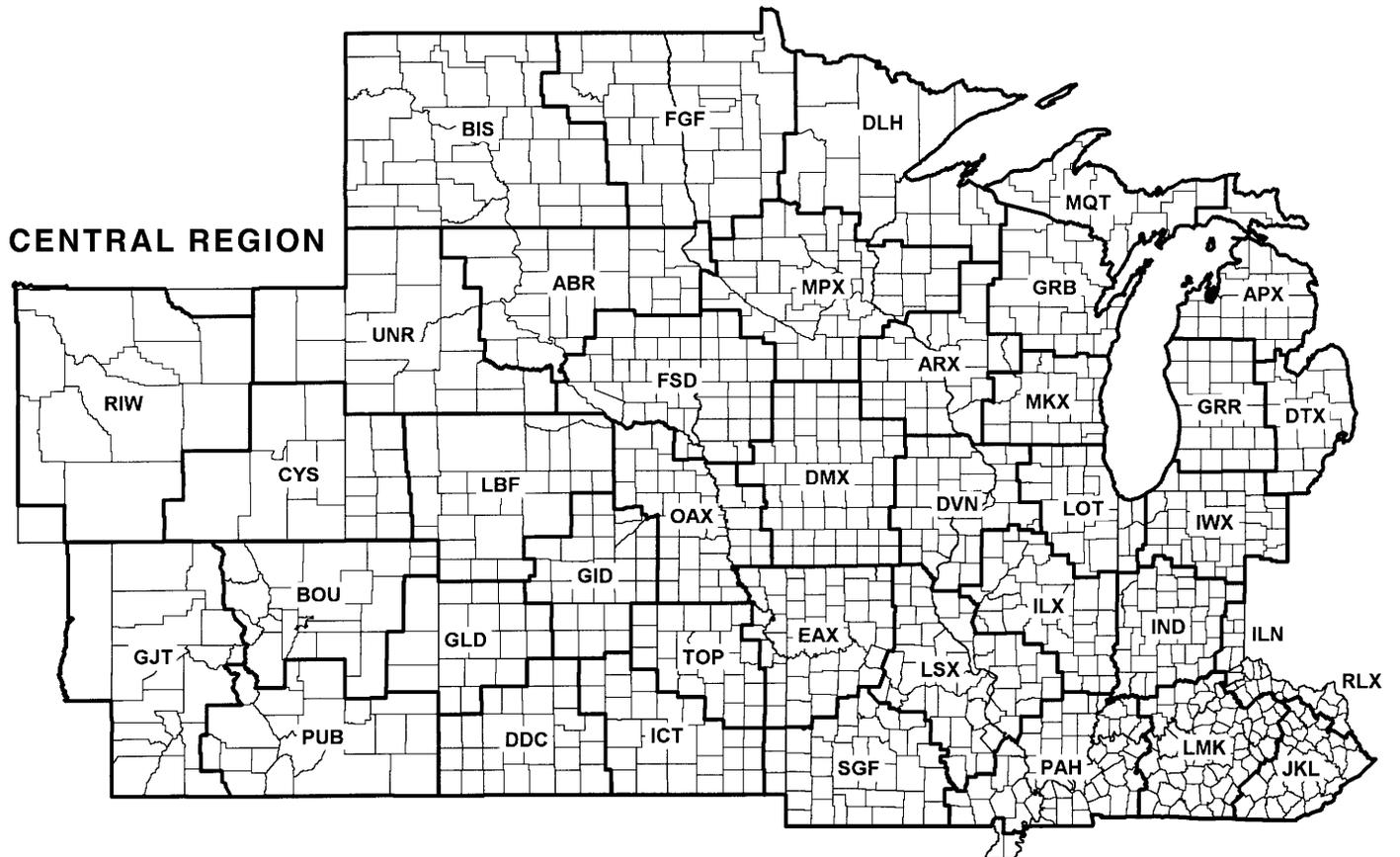
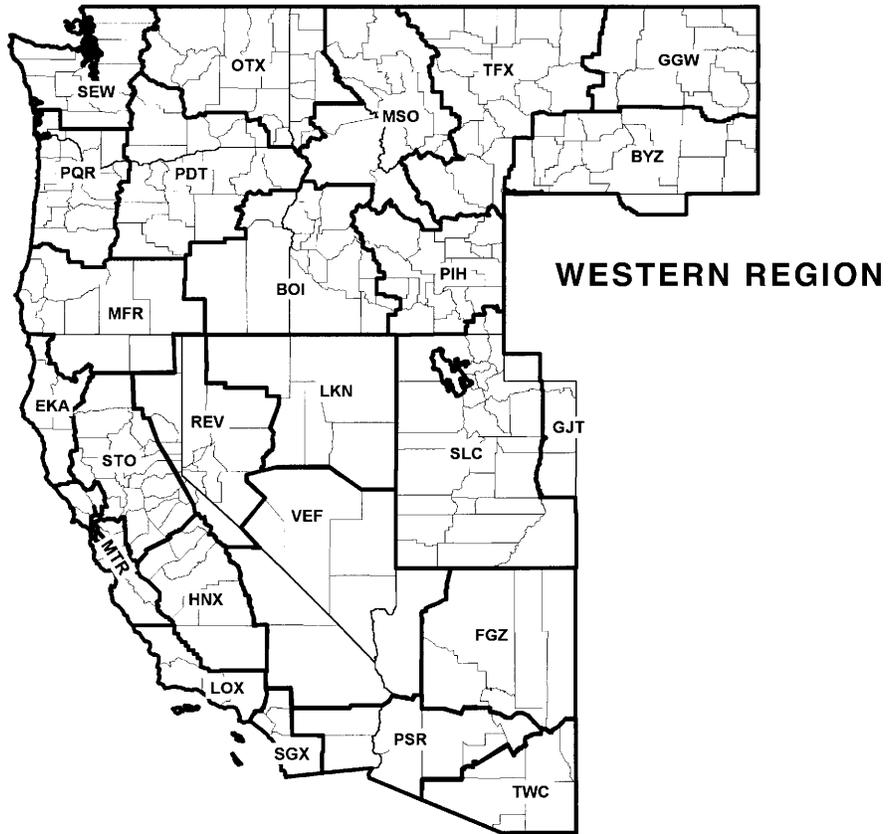


EASTERN REGION

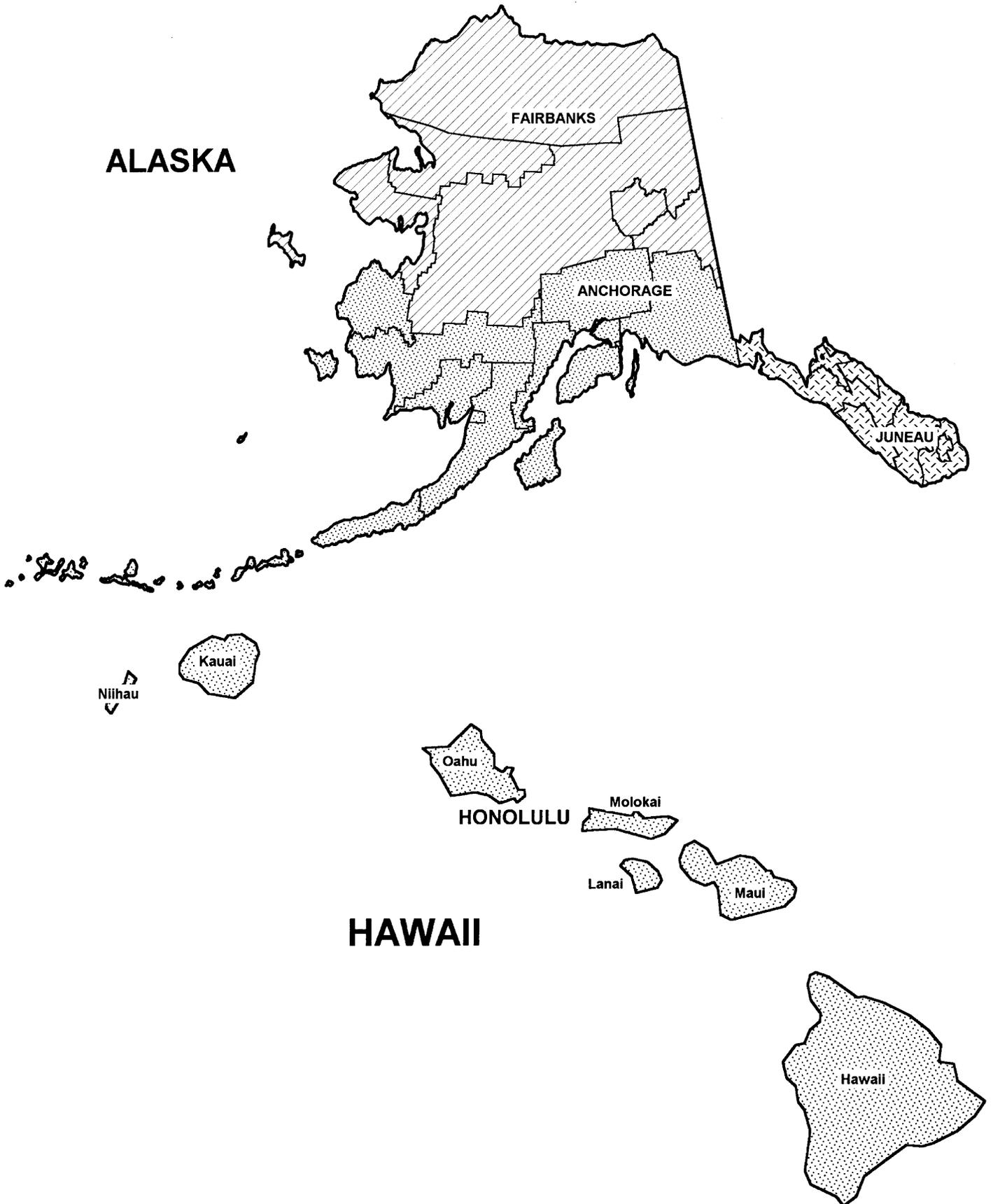


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COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS



MODERNIZED COUNTY WARNING AREAS





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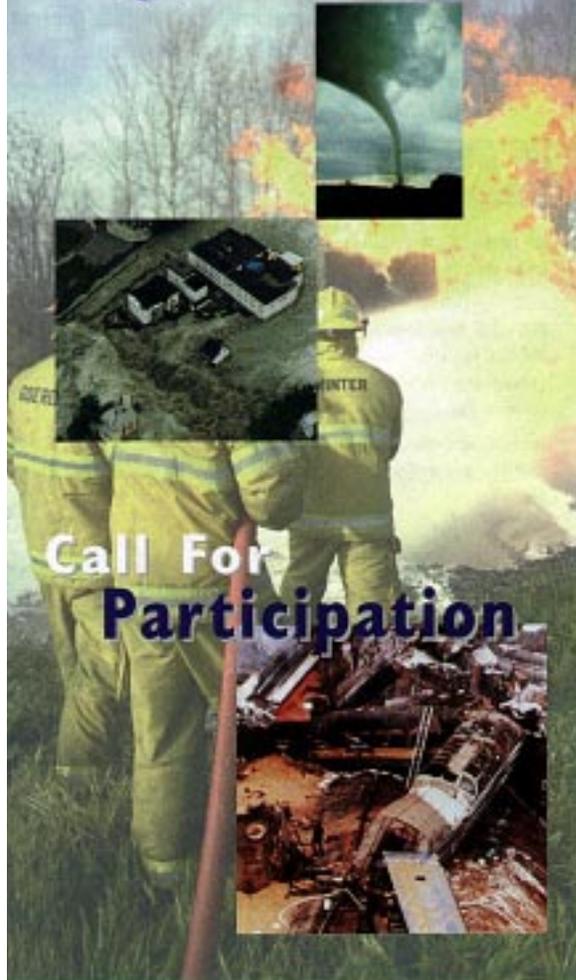
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